

# Honors and AP Course Requirements

## ENGLISH (page 1 of 2)

| Course   | Prerequisites  | Approx homework time (weekly)   | Summer expectations                            | Comments   |
|--|--|---|--|--|
| <b>Honors English 2</b>  | A "B-" in English 1 (H) or an "A-" in regular English 1, Department approval required, Student writing portfolios will be reviewed and discussed. Some students may need to submit additional writing samples.                                 | 1st semester: about 10-15 minutes a day (not including essay work);<br>2nd semester: about 30-45 minutes a day (mostly reading) | "Lord of the Flies"                            | acceptance based on students' writing performance, teacher recommendation, and overall readiness to participate; students may be asked to submit additional writing samples  |
| <b>AP English Language &amp; Composition (Juniors) [DLS]</b>   | A "B-" in English (H) or an "A-" in regular English courses, Department approval required, Student writing portfolios will be reviewed and discussed. Some students may need to submit additional writing samples.                             | 3 hours   | "The Great Gatsby"                             | acceptance based on students' writing performance, teacher recommendation, and overall readiness to participate; students may be asked to submit additional writing samples  |
| <b>AP English Language &amp; Composition (Juniors) [CHS]</b>   | A "B" in both semesters of English 2 (H) or a "B+" in both semesters of English 2, and Department Approval.  | n/a   | n/a  | Students need a teacher recommendation. If they do not get a teacher recommendation, they can fill out a prerequisite waiver form, which comes to CHS Dept Chair who follows up with the current teacher to discuss whether this is the best fit.    |
| <b>AP English Literature &amp; Composition [DLS] (Seniors)</b> | A "B-" in advanced English courses (Honors or AP) or an "A-" in regular English courses, Department Approval required, Student writing portfolios will be reviewed and discussed. Some students may need to submit additional writing samples. | varies: depends on readings and discussion prep; 4 term papers per year   | "The Odyssey" and "The Picture of Dorian Gray" | acceptance based on students' writing performance, teacher recommendation, and overall readiness to participate; students may be asked to submit additional writing samples; grade based on writing and daily class participation; a lot of reading; |

# Honors and AP Course Requirements

## ENGLISH (page 2 of 2)

| Course  | Prerequisites   | Approx homework time (weekly)          | Summer expectations                    | Comments   |
|---|---|--|--|--|
| <p style="text-align: center;"><b>AP English Literature &amp; Composition (Seniors) [CHS]</b></p> | <p>A "B-" in advanced English courses (Honors or AP) or an "A-" in regular English courses, Department Approval required, Student writing portfolios will be reviewed and discussed. Some students may need to submit additional writing samples.</p> | <p style="text-align: center;">n/a</p> | <p style="text-align: center;">n/a</p> | <p>Students need a teacher recommendation. If they do not get a teacher recommendation, they can fill out a prerequisite waiver form, which comes to CHS Dept Chair who follows up with the current teacher to discuss whether this is the best fit.</p> |

# Honors and AP Course Requirements

## SOCIAL STUDIES

| Course                           | Prerequisites  | Approx homework time (weekly)                                     | Summer expectations   | Comments   |
|----------------------------------|--|---|---|--|
| <b>AP United States History</b>  | B- in World History (H) and/or A- in regular Social Studies courses both semesters<br>B- in English (H) classes or A- in regular English classes both semesters <i>(9th and 10th grades)</i>                                       | 5-6 hours per week (chapter notetaking, homework, and study time) | read and take notes on the first 3 chapters of the text (test on first Friday once we return to school) | acceptance based on department approval; interest in history; writing is essential; DLS and CHS use different texts, however course content is the same. <i>Juniors may not take AP USH and AP European History the same year.</i>   |
| <b>AP Government</b>             | B- in AP US History <i>both semesters</i> OR A- in US History <i>both semesters</i>  | 5-6 hours per week (chapter notetaking, homework, and study time) | no summer prep  | acceptance based on department approval  |
| <b>AP Psychology [DLS/CHS]</b>   | [DLS] B- in Honors/AP Social Studies courses <b>OR</b> A- in regular Social Studies courses; [CHS] B levels<br>[DLS] B- in Honors/AP English courses <b>OR</b> A- in regular English courses (all English courses); [CHS] B levels | 5-7 hours homework/study time per week                            |   |  |
| <b>AP Macro Economics</b>        | A- or better <i>in each semester</i> of US History <b>OR</b> B- or better <i>in each semester</i> of AP US History   | 5-7 hours homework/study time per week                            | no summer prep  | department approval required; semester course; must be interested in the economic process. <i>Offered in the second semester only</i>  |
| <b>AP European History [DLS]</b> | B- or higher in English (H) and History (H) <b>OR</b> A- or higher in English and History and teacher recommendation   | 5-7 hours homework/study time per week                            | Summer reading and notes from the textbook  | This is an extensive class that will require a lot of reading and writing. Students should have an interest in European History before signing up for the class. Their most recent History teacher will have to sign-off on their registration form before they can be enrolled in the class. <i>Juniors may not take APUSH and AP European History the same year.</i> |
| <b>AP Human Geography [CHS]</b>  | none   | 5-7 hours homework/study time per week                            | No summer prep  | none   |

# Honors and AP Course Requirements

## MATHEMATICS (page 1 of 2)

| Course                                  | Prerequisites   | Approx homework time (weekly)   | Summer expectations | Comments   |
|---|---|---|---------------------|--|
| <b>Honors Geometry</b>                  | B in Algebra 1 (H) (two semester B average <i>and an B in the second semester</i> ) <b>OR</b> A in Algebra 1 (two semester A average <i>and an A in the second semester</i> )<br>Teacher Recommendation   | 1 hour per day  | no summer prep      | homework is not included in the grade; grade is based on assessments   |
| <b>Honors Algebra 2 w/ Trigonometry</b> | B average in Algebra 1 (H) and Geometry (H) ( <i>with B's in second semester</i> ) <b>OR</b> A average in Algebra 1 and Geometry ( <i>with A's in second semester</i> )<br>Teacher Recommendation   | 5-6 hours per week  | no summer prep      | Focus on thinking abstractly and not simply memorizing a process   |
| <b>Honors Pre-Calculus</b>              | Two semester "B" average in Algebra 2 with Trigonometry with a minimum of a "B" in the second semester and teacher recommendation <b>OR</b> two semester "C" average in Algebra 2 with Trigonometry (H) with a minimum of a "C" in the second semester and teacher recommendation                       | 1-2 hours per class period  | No summer prep      | <i>The math department strongly recommends that a student with a B in Algebra 2 with Trigonometry be enrolled in this course.</i>  |
| <b>AP Calculus AB</b>                   | Two semester B- average with a minimum of a B- in the second semester in Honors Algebra 2 with Trigonometry, <b>OR</b> two semester B- average with a minimum of a B- in the second semester in Honors Precalculus, <b>OR</b> Semester 1 and Semester 2 both A in Precalculus<br>Teacher Recommendation | Approximately an hour to an hour and a half of homework after every lecture, plus approximately 45 minutes daily on-line homework program | no summer prep      | Each chapter will have a test over the course outcomes. Quizzes will happen throughout the unit. Each semester will have a cumulative final exam. Student are required to take the AP test in May. A TI-84 calculator is required. |

# Honors and AP Course Requirements

## MATHEMATICS (page 2 of 2)

| Course                | Prerequisites  | Approx homework time (weekly)   | Summer expectations | Comments   |
|-----------------------|--|---|---------------------|--|
| <b>AP Calculus BC</b> | 2 semester C average in Calculus AB<br><br>Teacher Recommendation  | Approximately an hour to an hour and a half of homework after every lecture, plus approximately 45 minutes daily on-line homework program | no summer prep      | For those eligible for AP Calc AB but want to be in AP Calc BC, students need to take a summer school Calculus 1 class at a community college and earn a grade of a C or higher. Students are expected to take the AP test in May. A TI-84 calculator is required. |
| <b>AP Statistics</b>  | Two semester "C" average in Honors Pre-Calculus and teacher recommendation, or two semester "B" average in Algebra 2 with Trigonometry and teacher recommendation, or Semester 1 and Semester 2 both "A" in Pre-Calculus and teacher recommendation. Prerequisites are based on most recent class taken.<br><br>Teacher Recommendation | 4-5 hours per week  | no summer prep      | Use of TI-84 graphing calculator throughout the course. Think of the course like an English class with a calculator.   |

# Honors and AP Course Requirements

## SCIENCE (page 1 of 2)

| Course                  | Prerequisites  | Approx homework time (weekly) | Summer expectations   | Comments   |
|-------------------------|--|-------------------------------|---|--|
| <b>Honors Biology</b>   | A- in Core Principles in Physics, Chemistry, and Biology <b>AND</b> B+ in Algebra 1 (H) <b>OR</b> A- in Algebra 1<br><br>GPA no lower than a B+  | 3 hours per week              | no summer prep;<br>winter break prep: read "Immortal Life of Henrietta Lacks" | Course uses a college level text. Field trips and environmental restoration work are part of the course work. Students volunteer three hours outside of class on an Environmental Service Project as part of a semester exam.  |
| <b>AP Biology</b>       | A- in Core Principles in Physics, Chemistry, and Biology <b>AND</b> A- in Algebra 1 <b>OR</b> B+ in Algebra 1(H)<br><br>No grade lower than B+ in any course taken   | 5 hours per week              | summer prep reading   | Students take the AP Bio Exam in May; Lab work provides immersion in biotechnology techniques. Authentic research also required. Students participate in the regional Science Fair or completing a thesis paper on a topic of their choosing. Students will sit for the National AP Biology Exam in May. |
| <b>Honors Chemistry</b> | An "A-" in Biology, a "B+" in Biology (H) <b>OR</b> a "B" in AP Biology and an "A-" in Geometry <b>OR</b> a "B" in Geometry (H). Incoming transfer students may substitute a "B" in Algebra 1 (H) or an "A-" in Algebra 1 for the math requirement | 3 hours per week              | no summer prep  | lab work is more detailed than regular chemistry; reading/vocabulary similar to AP level; equivalent to one semester of general college chemistry  |

## Honors and AP Course Requirements

### SCIENCE (page 2 of 2)

| Course                                    | Prerequisites   | Approx homework time (weekly)          | Summer expectations              | Comments   |
|---|---|--|----------------------------------|--|
| <b>AP Chemistry</b>                       | An "A-" in Biology, a "B+" in Biology (H) or a "B" in AP Biology and an "A" in Geometry or a "B+" in Geometry (H) and completion of AP Summer Assignment. Incoming transfer students may substitute a "B" in Algebra 1 (H) or an "A-" in Algebra 1 for the math requirement | approx 4 hours a week outside of class | summer reading                   | Course uses a college level textbook and is roughly equivalent to one year of college chemistry. Great choice for students considering a career in medicine, science or engineering. Students will sit for the National AP Chemistry Exam in May. Completion of AP Summer Assignment.  |
| <b>AP Physics 1</b>                       | B+ in Algebra 2 w/Trig <b>OR</b> B in Algebra 2 w/Trig (H)<br>A- in Chemistry or a B+ in Chemistry (H) <b>OR</b> a B in AP Chemistry  | 6-8 hours per week (outside of class)  | no summer prep                   | none   |
| <b>AP Physics C: Mechanics</b>            | B in AP Calculus AB<br>A- in Chemistry <b>OR</b> a B+ in Chemistry (H) <b>OR</b> a B in AP Chemistry  | 6-7 hours per week outside of class    | no summer prep                   | Problem solving course. Focus for students considering a math or science career  |
| <b>AP Environmental Science [CHS/DLS]</b> | B+ in Biology and Chemistry, <b>OR</b> B in AP Biology and AP Chemistry, <b>OR</b> B- in Biology (H) and Chemistry (H)  | approx. 5 hours outside work per week  | summer prep reading; math packet | The class is recommended for students who have an interest in pursuing science, or environmental topics in college. The textbook, materials, and pace will be at a college freshman level. Organization and time management are necessary. Students are expected to take the Advanced Placement exam. Field exploration occurs at least 2-3 times during the year. |

# Honors and AP Course Requirements

## WORLD LANGUAGES (page 1 of 2)

| Course                  | Prerequisites  | Approx homework time (weekly) | Summer expectations   | Comments   |
|-------------------------|--|-------------------------------|---|--|
| <b>Honors French 3</b>  | A- in French 2 - Students with a C in French 2 are welcome to level 3. At the start of level 3, students can opt to pursue Honors. | 2 - 3 hours per week          | no summer prep  | class will combine French 3 and French 3 (H), allowing the option to work toward honors through differentiated assignments and assessments |
| <b>Honors Italian 2</b> | B+ in Italian 1 (both semesters) AND instructor approval   | 4 hours per week              | no summer prep (however, there is testing early in the semester, so it would be useful to review) |  |
| <b>Honors Italian 3</b> | B in Italian 2 (H) (both semesters) AND teacher approval   | 30 minutes per day            | no summer prep, though review of Italian vocabulary and grammar is recommended                    |  |
| <b>AP Italian</b>       | B in Italian 3 (H) AND teacher approval  | 30 minutes per day            | brief readings from Italian newspapers and short stories  |  |
| <b>AP Latin</b>         | B+ in Latin 3 AND teacher approval   | 30 minutes per day            | small amount of reading in English of Caesar's "de Bello Gallico" and Vergil's                    |  |



# Honors and AP Course Requirements

## WORLD LANGUAGES (page 2 of 2)

| Course                  | Prerequisites   | Approx homework time (weekly)            | Summer expectations   | Comments           |
|-------------------------|---|--|---|--------------------|
| <b>Honors Spanish 2</b> | A- in Spanish 1 (both semesters)<br><b>AND</b> teacher approval   | 20-25 minutes per day                    | no summer prep  |                    |
| <b>Honors Spanish 3</b> | B+ in Spanish 2 (H) <b>OR</b> A- in Spanish 1 and Spanish 2 <b>AND</b> teacher approval   | 2-2.5 hours per week                     | Summer prep assigned by instructor on Schoology with a thorough review of previous Spanish vocabulary and grammar |                    |
| <b>Spanish 4 [CHS]</b>  | Completion of Spanish 3 with a "B" average both semesters. This course covers the equivalent of an intermediate college course in Spanish | n/a                                      | n/a   | only taught at CHS |
| <b>AP Spanish</b>       | A- in Spanish 3 (both semesters), <b>OR</b> B+ in Heritage Speaker 2 <b>OR</b> Spanish 3 (H) <b>AND</b> teacher approval                  | 2-3 hours weekly, not including projects | no summer prep, though review/practice of the 4 skills of the language  |                    |

# Honors and AP Course Requirements

## VISUAL & PERFORMING ARTS (page 1 of 2)

| Course   | Prerequisites   | Approx homework time (weekly)   | Summer expectations  | Comments   |
|--|---|---|--|--|
| <p style="text-align: center;"><b>AP Drawing<br/>[CHS/DLS]</b></p> | <p>Carondelet students should have TMS, DLS should have Fundamentals, and then all should have one year of a VA class before seeking instructor approval to take this course. Students with experience outside of CHS/DLS can meet with AP Instructor to determine eligibility.</p>                         | <p>Students should plan to work on their portfolio for approximately 3 hours each week (outside of class time.)</p> | <p>Before going on summer break, students will meet with the teacher to receive a homework packet with specific assignments. These will include: *2 to 3 portfolio assignments, *Visit to a museum/gallery, *Artist research projects, *Sketchbook exercises, *Short written narrative</p> | <p>Students interested should email Ms. Easthope at <a href="mailto:measthope@carondeleths.org">measthope@carondeleths.org</a> OR Mrs. Ricketts at <a href="mailto:rickettsj@dlshs.org">rickettsj@dlshs.org</a></p>  |
| <p style="text-align: center;"><b>AP Art History<br/>[CHS]</b></p> | <p>A full year of an art creation course, a teacher recommendation and: A grade of "B-" or higher in Honors English and Honors History; A grade of "A-" or higher in both English &amp; History. and HNRS English, HNRS History: "B-" in both or higher; regular English/History "A-" or both or higher</p> | <p>4-8 hours outside of the regular class schedule</p>  | <p>none</p>  | <p>Explore the history of art across the globe from prehistory to the present. In this course, you'll analyze works of art through observation, discussion, reading, and research. Skills You'll Learn: Evaluating works of art from different eras and cultures Seeing connections to artistic traditions, styles, or practices in a work of art Developing a theory about the meaning of a work of art, and explaining and supporting your interpretation</p> <p>NOTE: this class is an art elective and does not fulfill the 10 united VPA requirement for graduation</p> |

# Honors and AP Course Requirements

## VISUAL & PERFORMING ARTS (page 2 of 2)

| Course                                   | Prerequisites   | Approx homework time (weekly)  | Summer expectations   | Comments   |
|--|---|--|---|--|
| <b>AP 2-D Art &amp; Design [CHS/DLS]</b> | CHS students should have TMS, DLS should have Fundamentals, and all should have one year of a visual arts class before seeking instructor approval to take this course. Students with experience outside of CHS/DLS can meet with AP Instructor to determine eligibility. | Students should plan to work on their portfolio for approximately 3 hours each week (outside of class time.) | Summer assignments are given and will represent 2 to 3 of their AP portfolio. | <b>CHS course:</b> Students interested should reach out to Carondelet's VPA Department Chair to determine eligibility. <b>DLS course:</b> please complete link:<br><a href="https://docs.google.com/forms/d/e/1FAIpQLSco2OvP8vfTUshKn2bulP1pfW94cMFE9N5OnLRiEdl0JHw/viewform?vc=0&amp;c=0&amp;w=1&amp;flr=0">https://docs.google.com/forms/d/e/1FAIpQLSco2OvP8vfTUshKn2bulP1pfW94cMFE9N5OnLRiEdl0JHw/viewform?vc=0&amp;c=0&amp;w=1&amp;flr=0</a> |
| <b>Chamber Choir (H) [CHS]</b>           | All students must audition with the Choral Director. Auditions will take place in April/May.  | Students should plan to rehearse their music for approximately an hour each week (outside of class time.)    | None  | Students interested in auditioning should reach out to the Choral Director in late April.  |

# Honors and AP Course Requirements

## COMPUTER SCIENCE

| Course                                | Prerequisites  | Approx homework time (weekly)  | Summer expectations | Comments   |
|---------------------------------------|--|--|---------------------|--|
| <b>AP Computer Science Principles</b> | "Sophomores an "A-" in Intro to Computer Science; Juniors and Seniors: must have a "B+" average in Algebra 1 and Geometry courses OR a "B-" average in Honors Algebra 1 and Honors Geometry". Registration Priority will be given to those who've taken Intro to Computer Science. | approx. 2 hours per week, not including research papers and programming projects | no summer prep      | a strong foundation in linear functions and composition of functions is needed, as well as strong-problem-solving skills and understanding of Cartesian plane  |
| <b>AP Computer Science A</b>          | B+ average in Algebra 1 and Geometry <b>OR</b> B- average in Algebra 1 (H) and Geometry (H)  | 2-3 hours per week, depending on the coding knowledge of student upon entry      | no summer prep      | A strong foundation of basic linear functions, composition of functions, an understanding of the Cartesian plane, mathematical reasoning, and problem-solving strategies that require multiple approaches and collaborative efforts. |