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9th-12th Grade Course Descriptions

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<th>Page</th>
</tr>
</thead>
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<td>Science</td>
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<td>Social Studies</td>
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<tr>
<td>World Languages</td>
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<td>Computer Science</td>
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<td>Performing and Fine Arts</td>
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</tr>
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</tr>
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Lake Highland Preparatory School
Mission Statement

Within an atmosphere of love, concern and mutual respect, Lake Highland Preparatory School is committed to instilling Christian values, inspiring patriotism, developing leaders, and preparing students for college and lifelong learning through academically challenging programs and affirming competitive experiences.
Highlander Honor Code

Each Highlander is a unique child of God whose actions are based upon these fundamental beliefs:

A Highlander’s word is truth.

A Highlander’s work is completely his or her own.

A Highlander respects the rights, feelings, and property of others.
Academic Levels of Study

Students at Lake Highland who meet specific requirements have the option of three main levels of academic study. If certain prerequisites are met, it is also possible for students to design their own courses of study by taking classes from each level. Discussions with counselors and teachers facilitate a personalized course of study for each student.

**College Preparatory**

All College Preparatory (“College Prep”) core classes at Lake Highland Preparatory School prepare the student for entrance to most colleges and universities.

**Honors**

These advanced courses require teacher/counselor approval and the completion of other prerequisites found on department pages. Courses are designated "Honors" in the course title. These rigorous courses are for highly motivated, serious students who enjoy an academic challenge. This level of study prepares students for admission to highly competitive and selective colleges and universities.

Honors courses are weighted one-half point (0.5).

**Advanced Placement**

These college-level courses require teacher/counselor approval and the completion of other prerequisites found on the AP prerequisites page. Courses are designated "AP" in the course title. Lake Highland offers 28 AP® courses. These college-level courses and exams are for highly motivated, serious students who enjoy the academic challenge. This level of study prepares students for admission to the most competitive and selective colleges and universities.

All students in AP courses are required to take the AP exams at year’s end. Each exam costs $96; this fee will appear on student billing.

AP courses are weighted one full point (1.0).

*Advanced Placement® (AP®) are registered trademarks of the College Board used with permission.*
College and Career Center

For assistance in choosing courses and programs, students are encouraged to meet with their assigned counselors as early and often as necessary. Phone: 407-206-1900, Ext. 3246.

<table>
<thead>
<tr>
<th>Student’s Class</th>
<th>Last Name</th>
<th>Guidance/College Counselor*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2024 (9th)</td>
<td>A-H</td>
<td>Ms. Flader (<a href="mailto:aflader@lhps.org">aflader@lhps.org</a>)</td>
</tr>
<tr>
<td>2024 (9th)</td>
<td>I-P</td>
<td>Mr. Hiett (<a href="mailto:jhiett@lhps.org">jhiett@lhps.org</a>)</td>
</tr>
<tr>
<td>2024 (9th)</td>
<td>Q-Z</td>
<td>Mrs. Lundgren (<a href="mailto:tlundgren@lhps.org">tlundgren@lhps.org</a>)</td>
</tr>
<tr>
<td>2023 (10th)</td>
<td>A-Gn</td>
<td>Ms. Flader (<a href="mailto:aflader@lhps.org">aflader@lhps.org</a>)</td>
</tr>
<tr>
<td>2023 (10th)</td>
<td>Go-Om</td>
<td>Mr. Hiett (<a href="mailto:jhiett@lhps.org">jhiett@lhps.org</a>)</td>
</tr>
<tr>
<td>2023 (10th)</td>
<td>On-Z</td>
<td>Mrs. Lundgren (<a href="mailto:tlundgren@lhps.org">tlundgren@lhps.org</a>)</td>
</tr>
<tr>
<td>2022 (11th)</td>
<td>A-G</td>
<td>Ms. Flader (<a href="mailto:aflader@lhps.org">aflader@lhps.org</a>)</td>
</tr>
<tr>
<td>2022 (11th)</td>
<td>H-Ri</td>
<td>Mr. Hiett (<a href="mailto:jhiett@lhps.org">jhiett@lhps.org</a>)</td>
</tr>
<tr>
<td>2022 (11th)</td>
<td>Ro-Z</td>
<td>Mrs. Lundgren (<a href="mailto:tlundgren@lhps.org">tlundgren@lhps.org</a>)</td>
</tr>
<tr>
<td>2021 (12th)</td>
<td>A-F</td>
<td>Ms. Stewart (<a href="mailto:lstewart@lhps.org">lstewart@lhps.org</a>)</td>
</tr>
<tr>
<td>2021 (12th)</td>
<td>G-O</td>
<td>Mrs. Spearman (<a href="mailto:jspearman@lhps.org">jspearman@lhps.org</a>)</td>
</tr>
<tr>
<td>2021 (12th)</td>
<td>P-Z</td>
<td>Mrs. Kuperman (<a href="mailto:ckuperman@lhps.org">ckuperman@lhps.org</a>)</td>
</tr>
</tbody>
</table>

*Counselor assignments may be revised based on student enrollment in the fall.
*Students will transition to their college counselor midway through 11th grade year.

Planning for College

Every year, your curriculum choices will have great influence upon your preparation as a candidate for college. Please choose courses that both challenge and interest you. Discuss your options with your parents, teachers and counselor. Choose a schedule that will show colleges your academic motivation and yet leaves time available to pursue interesting and stimulating extracurricular activities.

Directors of Admission at colleges and universities state the following:

- The courses a student selects in high school are very important; the more academic and rigorous courses the better. Maintaining steady progress in grades in a challenging curriculum is the best indicator of college-level success.
- Many colleges recalculate a student’s high school grade point average based on the academic core. The academic core consists of English, Math, Science, Social Studies and World Language.
- Planning a light senior course load is unwise. A student should build in balance each year. The senior year course load should reflect the student’s full academic ability and work ethic.
- Honors courses and AP courses on a transcript are important, but not at the
cost of the student’s grade point average.

- SAT and ACT scores are more important than most colleges are willing to admit. However, rigor of curriculum and success in those courses remain the leading factors in college admissions.
- Having a large number of activities on a resume is not as important as excelling in one or two areas.
- A history of service within the community or work experience is a compelling addition to your profile for college admission.
- Students should research the admission requirements for their colleges of interest prior to registering for their junior and senior year courses.
- It is the student’s responsibility to ensure their course selections meet the eligibility requirements for Bright Futures and NCAA.

**Useful Websites for College Planning**

**College Information Sites**

- College Board: [www.collegeboard.com](http://www.collegeboard.com)
- Peterson's: [www.petersons.com](http://www.petersons.com)
- Princeton Review: [www.princetonreview.com](http://www.princetonreview.com)
- National Assoc. For College Admission Counseling: [www.nacacnet.org](http://www.nacacnet.org)

**College & Scholarship Search Sites:**

- College Majors: [www.mymajors.com](http://www.mymajors.com)
- Colleges That Change Lives: [www.ctcl.com](http://www.ctcl.com)
- YouVisit: [https://www.youvisit.com](https://www.youvisit.com)
- SallieMae: [https://www.salliemae.com/college-planning](https://www.salliemae.com/college-planning)
- FastWeb: [https://www.fastweb.com](https://www.fastweb.com)

**Special Interest Sites:**

- College Planning for Students with Learning Differences: [www.ldonline.org/questions](http://www.ldonline.org/questions)
- Council for Christian Colleges: [www.cccu.org](http://www.cccu.org)
- Hillel: [www.hillel.org](http://www.hillel.org)
- Jesuit Colleges and Universities: [www.ajcunet.edu](http://www.ajcunet.edu)
- Combined BA/MD Programs: [www.aamc.org](http://www.aamc.org)
Standardized Testing Sites:

- SAT Online Registration: www.collegeboard.com/testing
- ACT Online Registration: www.actstudent.org

Athletics:

- NCAA: www.ncaa.org
- NAIA: www.naia.org
## Minimum Credits Required for 2021 LHPS Graduation

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language Arts</strong></td>
<td>(4 credits required)</td>
<td></td>
</tr>
<tr>
<td>English 9, 10, 11, 12</td>
<td></td>
<td>4.0</td>
</tr>
<tr>
<td><strong>Advanced Composition</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>(4 credits required)</td>
<td></td>
</tr>
<tr>
<td>Algebra I</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Geometry</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Algebra II</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>One additional Math credit</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>(4 credits required)</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Two additional Science credits</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>(4 credits required)</td>
<td></td>
</tr>
<tr>
<td>Modern World History</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>United States History</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Two additional Social Studies credits</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Humanities</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>World Languages</strong></td>
<td>(2 credits required; 3 or more recommended)</td>
<td></td>
</tr>
<tr>
<td>Two consecutive years of a World Language during grades 9-12</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Computer Science</strong></td>
<td>(0.5 credit required)</td>
<td></td>
</tr>
<tr>
<td>Any one semester Computer Science course</td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>(0.5 credit required)</td>
<td></td>
</tr>
<tr>
<td>Any one semester Physical Education course</td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Performing and Fine Arts</strong></td>
<td>(0.5 credit required)</td>
<td></td>
</tr>
<tr>
<td>Any one semester Performing and Fine Arts course</td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Freshman Focus</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>23.0</td>
</tr>
</tbody>
</table>
NOTE:

- Students are required to enroll in a minimum of five academic courses each semester.
- Early graduation is not an option at Lake Highland Preparatory School.
- 11th and 12th grade students may not enroll in more than three Advanced Placement courses at one time without prior approval of the Upper School Director.
- Upper School credits taken in Middle School do not count towards the Upper School credit requirements.
- Merit Studies students are required to take three consecutive years of one World Language (grades 7-12) and are recommended to complete the World Language sequence through level IV or AP. See minimum World Language requirement above. Upper School World Language credits taken in Middle School count towards the Merit Studies requirements.
- Global Online Academy and University of Florida Dual Enrollment classes count towards the 23 total credits needed for graduation.
Minimum Credits Required for 2022 LHPS Graduation

| Category                  | Credits Required | Credits
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language Arts</strong></td>
<td>(4 credits required)</td>
<td>4.0</td>
</tr>
<tr>
<td>English 9, 10, 11, 12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Advanced Composition</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>(4 credits required)</td>
<td>1.0, 1.0, 1.0, 1.0</td>
</tr>
<tr>
<td>Algebra I</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Geometry</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Algebra II</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>One additional Math credit</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>(4 credits required)</td>
<td>1.0, 1.0, 2.0</td>
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<tr>
<td>Biology</td>
<td></td>
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</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Two additional Science credits</td>
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<td>2.0</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>(4 credits required)</td>
<td>1.0, 1.0, 2.0</td>
</tr>
<tr>
<td>Modern World History</td>
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<td>1.0</td>
</tr>
<tr>
<td>United States History</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Two additional Social Studies credits</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Humanities</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>World Languages</strong></td>
<td>(2 credits required; 3 or more recommended)</td>
<td>2.0</td>
</tr>
<tr>
<td>Two consecutive years of a World Language during grades 9-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Computer Science</strong></td>
<td>(0.5 credit required)</td>
<td>0.5</td>
</tr>
<tr>
<td>Any one semester Computer Science course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>(0.5 credit required)</td>
<td>0.5</td>
</tr>
<tr>
<td>Any one semester Physical Education course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Performing and Fine Arts</strong></td>
<td>(0.5 credit required)</td>
<td>0.5</td>
</tr>
<tr>
<td>Any one semester Performing and Fine Arts course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Freshman Focus</strong></td>
<td></td>
<td>0.5</td>
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<tr>
<td><strong>Electives</strong></td>
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<td>2.0</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>23.0</td>
</tr>
</tbody>
</table>
NOTE:

- Students are required to enroll in a minimum of five academic courses each semester.
- Early graduation is not an option at Lake Highland Preparatory School.
- 11th and 12th grade students may not enroll in more than three Advanced Placement courses at one time without prior approval of the Upper School Director.
- Upper School credits taken in Middle School do not count towards the Upper School credit requirements.
- Merit Studies students are required to take three consecutive years of one World Language (grades 7-12) and are recommended to complete the World Language sequence through level IV or AP. See minimum World Language requirement above. Upper School World Language credits taken in Middle School count towards the Merit Studies requirements.
- Global Online Academy and University of Florida Dual Enrollment classes count towards the 23 total credits needed for graduation.
Minimum Credits Required for 2023 LHPS Graduation

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits Required</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Language Arts</strong></td>
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<tr>
<td>English 9, 10, 11, 12</td>
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<td>4.0</td>
</tr>
<tr>
<td><strong>Advanced Composition</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>(4 credits required)</td>
<td></td>
</tr>
<tr>
<td>Algebra I</td>
<td></td>
<td>1.0</td>
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<tr>
<td>Geometry</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>Algebra II</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>One additional Math credit</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>(4 credits required)</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
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<td>1.0</td>
</tr>
<tr>
<td>Chemistry</td>
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<td>1.0</td>
</tr>
<tr>
<td>Two additional Science credits</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>(3 credits required)</td>
<td></td>
</tr>
<tr>
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<td></td>
<td>1.0</td>
</tr>
<tr>
<td>United States History</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td>One additional Social Studies credit</td>
<td></td>
<td>1.0</td>
</tr>
<tr>
<td><strong>World Languages</strong></td>
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<td>2.0</td>
</tr>
<tr>
<td>Two consecutive years of a World Language during grades 9-12</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Computer Science</strong></td>
<td>(0.5 credit required)</td>
<td>0.5</td>
</tr>
<tr>
<td>Any one semester Computer Science course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>(0.5 credit required)</td>
<td>0.5</td>
</tr>
<tr>
<td>Any one semester Physical Education course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Performing and Fine Arts</strong></td>
<td>(0.5 credit required)</td>
<td>0.5</td>
</tr>
<tr>
<td>Any one semester Performing and Fine Arts course</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Freshman Focus</strong></td>
<td></td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td>22.0</td>
</tr>
</tbody>
</table>
NOTE:

- Students are required to enroll in a minimum of five academic courses each semester.
- Early graduation is not an option at Lake Highland Preparatory School.
- 11th and 12th grade students may not enroll in more than three Advanced Placement courses at one time without prior approval of the Upper School Director.
- 10th grade students may not enroll in more than two Advanced Placement courses at one time without prior approval of the Upper School Director.
- Upper School credits taken in Middle School do not count towards the Upper School credit requirements.
- Merit Studies students are required to take three consecutive years of one World Language (grades 7-12) and are recommended to complete the World Language sequence through level IV or AP. See minimum World Language requirement above. Upper School World Language credits taken in Middle School count towards the Merit Studies requirements.
- Global Online Academy and University of Florida Dual Enrollment classes count towards the 22 total credits needed for graduation.
Minimum Credits Required for 2024 LHPS Graduation

**Language Arts** (4 credits required)
English 9, 10, 11, 12 4.0

**Mathematics** (4 credits required)
Algebra I 1.0
Geometry 1.0
Algebra II 1.0
One additional Math credit 1.0

**Science** (4 credits required)
Biology 1.0
Chemistry 1.0
Two additional Science credits 2.0

**Social Studies** (3 credits required)
Modern World History 1.0
United States History 1.0
One additional Social Studies credit 1.0

**World Languages** (2 credits required; 3 or more recommended)
Two consecutive years of a World Language during grades 9-12 2.0

**Computer Science** (0.5 credit required)
Any one semester Computer Science course 0.5

**Physical Education** (0.5 credit required)
Any one semester Physical Education course 0.5

**Performing and Fine Arts** (0.5 credit required)
Any one semester Performing and Fine Arts course 0.5

**Freshman Seminar** (0.5 credit required)
Wellness Education
Academic Writing
Freshman Focus 0.5

**Electives** 3.0

**Total Credits** 22.0
NOTE:

- Students are required to enroll in a minimum of five academic courses each semester.
- Early graduation is not an option at Lake Highland Preparatory School.
- All 9th graders will participate in Freshman Seminar during first semester.
- 11th and 12th grade students may not enroll in more than three Advanced Placement courses at one time without prior approval of the Upper School Director.
- 10th grade students may not enroll in more than two Advanced Placement courses at one time without prior approval of the Upper School Director.
- 9th grade students may not enroll in more than one Advanced Placement course. 9th grade students must be invited to and complete a Summer Institute in order to enroll in AP Biology or AP World History: Modern.
- Upper School credits taken in Middle School do not count towards the Upper School credit requirements.
- Merit Studies students are required to take three consecutive years of one World Language (grades 7-12) and are recommended to complete the World Language sequence through level IV or AP. See minimum World Language requirement above. Upper School World Language credits taken in Middle School count towards the Merit Studies requirements.
- Global Online Academy and University of Florida Dual Enrollment classes count towards the 22 total credits needed for graduation.
Language Arts

General prerequisites for all Language Arts Honors courses 9th – 12th

- “A” in previous year’s College Prep course or “B” or better in previous Honors course.
- A score of 500 or above on the PSAT/SAT Evidenced-Based Reading and Writing for 9th and 10th grade courses and 550 or above for 11th and 12th grade courses.
- Teacher recommendation.

English 9 - 1001310
One Year

English 9 examines the literary genres of short stories, drama, essays, poetry and novels and allows students to explore various methods of analyzing and interpreting literature. In addition, the course requires an intensive review of basic grammar. Appropriate grammar usage is applied in frequent composition assignments. Vocabulary study is provided by studying word use in context. Use of research skills and MLA documentation is also emphasized.

English 9 Honors* - 1001320
One Year

English 9 Honors follows the basic format of the English 9 course but is broader in scope and format. This course covers more examples of literature and requires more reading and writing than the English 9 course. Students work with critical interpretations and commentaries in addition to studying the primary source texts. Students practice skills in numerous writing assignments. Regular project work including a broad range of independent reading, research, writing and presentations enrich the Honors experience. *See prerequisites.

English 10 - 1001340
One Year

English 10 is a survey of great writers, concepts and themes of American literature. An analytical approach to writing enhances critical thinking skills. Thesis papers will be assigned throughout the year. In addition, the course offers a study of Shakespeare’s Julius Caesar and a review of grammar, punctuation, usage and syntax. Reinforcement of research skills and MLA documentation style is emphasized.

English 10 Honors* - 1001350
One Year

English 10 Honors follows the basic format of the English 10 course but is broader in scope and format. This course covers more examples of American literature and requires more reading and writing than the English 10 course. Students work with critical interpretations and commentaries in addition to studying the primary source
texts. Regular project work including a broad range of independent reading, research, writing and presentations enrich the Honors experience.

*See prerequisites.

**English 11 - 1001370**

One Year

English 11 presents a survey of British literature. The works of the great British authors from Anglo-Saxon times through the 18th century provide students with ample material for literary interpretation and critical analysis. A number of essays are required; writing skills topics include transition, sentence variety, proper diction, use of specific details and MLA documentation. Students work with critical interpretations and commentaries in addition to studying the primary source texts.

**English 11 Honors* - 1001380**

One Year

English 11 Honors follows the basic format of the English 11 course but is broader in scope and format. This course covers more examples of British literature and requires more reading and writing than the English 11 course. Students work with critical interpretations and commentaries in addition to studying the primary source texts. Regular project work including a broad range of independent reading, research, writing and presentations enrich the Honors experience.

*See prerequisites.

**AP English 11 Language and Composition* - 1001420**

One Year

AP Language and Composition is a college-level course in rhetoric; the course emphasizes the reading and writing of prose. Students explore the expository, analytical and argumentative modes. The readings include a survey of British literature from Anglo-Saxon times to the 18th century, as well as a focus on the essay genre.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.

**English 12 Honors - 1001410**

One Year

English 12 Honors is a yearlong course in reading and writing about Western literature. This course uses an inquiry-based curriculum focusing on several philosophical questions. Student readings and teacher presentations supplement on-going student research. The course is driven by scholarly inquiry, reflective writing and active discussion. Works under consideration include the British Romantics, Camus, Dante, Ibsen and Shakespeare. Students will also examine contemporary non-fiction throughout the class as a focus of both reading and in-depth discussion. Students will be required to prepare and present the senior project, *Speak Out*, in early February.
AP English 12 Literature and Composition* - 1001430  One Year

AP English 12 Literature and Composition follows the basic format as English 12 Honors with a sharp focus on critical reading skills as recommended by the College Board guidelines for the course. Deeper emphasis will be given to discussion of both the Western canon (British Romantics, Camus, Dante, Ibsen, Shakespeare) and contemporary non-fiction pieces. Students will be required to prepare and present the senior project, Speak Out, in early February. 
*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.

Advanced Composition (Required 2021, 2022, 2023) - 1009300  One Semester
*This course is also offered during the summer.

Advanced Composition is a writing intensive course that aims to increase students’ ability to develop ideas and express them effectively. Students compose expository essays using various modes such as description, illustration, definition, process analysis, comparison/contrast and argument. Students engage in frequent in-class writing assignments and participate in regular teacher facilitated peer-editing workshops. Students refine mechanics, usage, syntax and style. In addition, students sharpen their understanding of MLA documentation style in a required research paper. 
*This course is available to students the summer prior to sophomore year.

Creative Writing I (Elective) - 1009320  One Semester

Creative Writing is a writing workshop class. The crafting of fiction and poetry is the primary emphasis, with some coverage of nonfiction, writing for the stage and songwriting. Contemporary stories and poems will be used as models and points of departure while the analysis of traditional works will enhance understanding of influences, techniques, style and structure. Students work in class toward a full-length story or a portfolio of poems, published at the end of the semester. Special attention is given to providing audience and outside publication opportunities.

Newspaper (Elective) One Semester
I-1006340, II - 1006350, Newspaper III Honors*- 1006365
Newspaper IV Honors* - 1006375

The Newspaper class provides students with an opportunity to publish a high school newspaper several times during the semester. Class members will practice writing and editing skills as well as learn the basics of newspaper layout. Propaganda and its role in the newspaper will be studied. Interviewing skills are taught, as well as the differences between news articles and feature articles. In addition, the class will publish the Upper School literary and art magazine, By Any Other Name. Opportunities will be provided for both photographers and cartoonists.

*A full-year option is available.
*Honors option available for levels III & IV with teacher’s approval.
Yearbook (Elective)  
I - 1006300, II - 1006310, III Honors (Elective) – 1006325, IV Honors* (Elective) - 1006335

The purpose of this class is to produce the school’s yearbook and, while doing so, develop the skills of desktop publishing, photography, journalistic writing and business management. Students will also become adept in the areas of editing, proofreading, layout design and time management. The class will require after-school hours. Yearbook is open to all Upper School students. Students new to yearbook at LHP must submit an application and a teacher recommendation. See Ms. Bork, Yearbook sponsor, for further details. Grades 10-12 only.

AP Seminar* (Elective) – 1700500  

AP Seminar is an interdisciplinary course that encourages students to explore topics of their own choosing and interest as they develop and practice skills in research, collaboration, and communication that they will need in any academic discipline or professional pursuit. AP Seminar students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. Students will write research-based essays and design/give presentations both individually and as part of a team. *Prerequisites: 550 PSAT EBRW and English teacher recommendation. *Juniors and seniors only. *See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.
Math

General prerequisites for all Math Honors courses 9th – 12th.

- “A” in previous year’s College Prep Math course.
- The required PSAT scores for Math and Evidenced-Based Reading and Writing as listed in the course description.
- Diagnostic test score 80% or higher. Students should arrange this test with their current teacher prior to the appeals deadline.
- Teacher recommendation.
- New students to LHPS must take the course diagnostic test and pass it with an 80% or higher. Previous grades and standardized test scores will also be considered. Placement tests for new students may be arranged through your school counselor.

The TI NSPIRE CX calculator is required for all Upper School Math courses.

Algebra I - 1200310 One Year

This course is designed to provide the foundation for more advanced mathematics courses and to develop problem-solving skills. Topics include, but are not limited to, variables, structure and properties of the real number system, first-degree equations and inequalities, relations, functions, graphs, systems of linear equations and inequalities, polynomials, integer exponents, rational expressions, irrational numbers, radical expressions, quadratic equations and yearlong work on problem solving. Students making below a “C” for either semester must retake the course.

Geometry - 1206310 One Year

This course is designed to foster development of deductive thinking skills utilizing geometric proofs as a vehicle. Topics include, but are not limited to, logic and reasoning, Euclidean geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons, circles, area and volume and geometric constructions. Students will complete formal proofs throughout the course. Extensive review of Algebra I concepts will be included on a regular basis.

Geometry Honors* - 1206320 One Year

This course is taught using an inquiry method. Students are expected to practice problem solving skills daily and be willing to present solutions to the class on a regular basis. The class focuses not only on presenting solutions (written and oral), but also on learning through reflection. Topics include, but are not limited to, structure of geometry, separation properties, angle concepts, triangles, quadrilaterals, proofs, perpendicularity and parallelism in a plane and in space, similar polygons, circles and spheres,
constructions, area and volume, coordinate geometry and transformational geometry.

*Prerequisites: Student must have 530 or above on the Math and Evidence-Based Reading and Writing sections of the PSAT. For the online summer course, students must have a computer with regular and reliable internet access. The online course requires departmental approval and a minimum PSAT Math score of 530 and previous Algebra I Honors course grade of 85% or higher.

**Algebra II - 1200330**

One Year

This course is designed to continue the study of the structure of algebra and to provide the foundations for application of these skills to other scientific and mathematical fields. Topics include, but are not limited to, the review and extension of the structure and properties of the real number system, relations, functions, graphs, polynomials, rational expressions, quadratic equations, rational and irrational exponents, logarithms and exponential equations and complex numbers. Emphasis will be placed on problem-solving techniques and strategies.

**Algebra II Honors* - 1200340**

One Year

This course provides a rigorous, in-depth study of the topics of Algebra II with emphasis on proof, theory, development of formulas and application. Topics include, but are not limited to, algebraic structure, equations in more than one variable, systems and inequalities, functions and relations, polynomials and expressions, complex numbers, logarithms, conic sections, sequence and series, probability, trigonometry and topics in pre-calculus. There will be a strong emphasis placed on problem solving and critical thinking skills.

*Prerequisites: 85% or better in previous Honors Math course and 550 or better on Math and Evidence-Based Reading sections on the PSAT. Or, 90% or better in College Prep Math course, with a 550 or better on the Math and Evidence-Based Reading and Writing sections of the PSAT, and a score of 80% or higher on a diagnostic test.

**Advanced Algebra with Financial Applications Honors* (Elective) –1200387**

One Semester

This course is designed to integrate advanced algebra skills with real world applications of finance. Topics will include, but are not limited to, banking services, consumer credit, automobile ownership, employment benefits, income taxes, independent living, fundamentals of the stock market, modeling a business, planning for retirement and preparing a budget. This course includes multiple collaborative projects.

*Prerequisites: Completion of College Algebra or Pre-Calculus or 80% or better in Algebra II.

**College Algebra* (Elective) - 1200700**

One Semester

This course is designed for students who have completed both Geometry and Algebra II and will benefit from extended and in-depth understanding of math topics. Topics will include, but are not limited to, fundamental concepts of algebra, equations and
inequalities, functions and graphs, exponential and logarithmic functions, inductive and deductive reasoning, logic and arguments, and probability and statistics.
*Prerequisites: Completion of Geometry and Algebra II.

Mathematics of Data Science Honors (Elective) – 1210300A One Semester

This course is designed to foster an understanding of the practical topics of statistics. The focus of the course will be on statistical thinking and the concepts behind the statistics rather than strict “number crunching”. The course will also help students understand and discern what the numbers from various polls, surveys, or studies mean and how to draw conclusions and make predictions from the data.
*Prerequisites: Completion of Geometry and Algebra II.

Geometric Design (Elective) - 1206300 One Semester

The fundamental purpose of this course is to extend students’ mathematical application experiences after a formal Geometry and Algebra II course. Each unit covers a blend of concepts from fundamental Euclidean geometry. The course will connect theory to innovation through Fibonacci numbers, the divine spiral, the golden ratio, symmetries, similarities, measures and proportion, fractals, perspective drawing, or topology. For students interested in art, architecture or science, this course unites an understanding of mathematical background to various complicated yet intriguing mathematical theories and visual objects.
*Prerequisites: Completion of Algebra I, Geometry and Algebra II. This course cannot be used to meet credit requirements for Bright Futures.

Pre-Calculus* (Elective) – 1202340C One Year

This course will include a strong emphasis on both concept development and real-life applications. Topics include, but are not limited to, properties of even and odd functions, average rate of change, transformation of functions, zeros of polynomial functions, exponential and logarithmic functions, trigonometric functions, applications of trigonometric functions, and polar coordinates. Successful completion of this course will secure a recommendation for Statistics Honors or AP Statistics.
*Prerequisites: 80% or better in Algebra II or College Algebra and a 500 or better on the Math section of the PSAT/SAT.

Pre-Calculus Honors* (Elective) - 1202340 One Year

This course is designed to enable students to develop concepts and skills in advanced algebra, analytic geometry and trigonometry. Topics include, but are not limited to, trigonometric identities and equations, vectors and parametric equations, complex number system, polar coordinate system, sequences and series, conic sections, polynomial, rational, exponential and logarithmic functions, and introductory calculus concepts, the concept of a limit, the concept of the derivative and the concept of the integral. The students will be expected to apply these skills to real-world problems and to be able to explain their work. This course is designed to prepare students for
Calculus Honors.
*Prerequisites: 92% or higher in Algebra II and 550 or better on the Math section of the PSAT/SAT.

Advanced Pre-Calculus Honors* (Elective) - 1202340A

This course is designed to provide a rigorous, in-depth study of the pre-calculus topics including, but not limited to, advanced algebra, analytic geometry and trigonometry. Further topics include trigonometric identities and equations, vectors and parametric equations, complex number system, polar coordinate system, sequences and series, conic sections, polynomial, rational, exponential and logarithmic functions, the concept of a limit, the concept of the derivative and the concept of the integral. This course will emphasize critical thinking and application to real-world situations. This course is designed to prepare students for AP Calculus AB.
*Prerequisites: 87% or better in Algebra II Honors and 600 or better on the Math section of the PSAT/SAT.

Calculus I Honors* (Elective) - 1202300

This course is designed to begin the study of calculus, providing a basis for further study of more advanced mathematics and to develop the skills needed to solve problems in advanced science courses. Topics will include limits, differentiation, applications of derivatives such as related rates, curve sketching and optimization, integration, applications of integrals such as area, volume and differential equations.
*Prerequisites: 85% or better in Pre-Calculus Honors or 80% in Advanced Pre-Calculus Honors and 600 or better on PSAT/SAT Math section of the PSAT/SAT.

AP Calculus (AB)* (Elective) - 1202310

This college-level course is similar to a first-semester college calculus course on functions, limits, derivatives and their applications, integrals and their applications, as well as differential equations. The pace, rigor and content are dictated by AP standards. Students will approach concepts and problems in multiple representations and make connections between the graphical, numerical, algebraic and written forms.
*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.

AP Calculus (BC)* (Elective) - 1202320

This college-level course is a continuation and expansion of AP Calculus AB. Topics include, but are not limited to, functions, limits, derivatives and their applications, integrals and their applications, series, parametric functions, vector functions, polar functions, as well as differential equations. The pace, rigor and content are dictated by AP standards. Students will approach concepts and problems in multiple representations and make connections between the graphical, numerical, algebraic and written forms.
*See AP prerequisites. Students are required to take the Advanced Placement exam at
This course is equivalent to an introductory, non-calculus-based college course in statistics. It is designed to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns and statistical inference. Students will use technology, investigations, problem solving and writing as they build conceptual understanding.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.
Math Progression Chart

Pre-Algebra A
→ Pre-Algebra B
→ Algebra I
→ Geometry
→ Algebra II
→ College Algebra
  or Mathematics of Data Science Honors
  or Advanced Algebra with Financial Applications Honors

Pre-Algebra 7
→ Algebra I
→ Geometry
→ Algebra II
→ Pre-Calculus

Pre-Calculus Honors
→ Mathematics of Data Science Honors
  or Advanced Algebra with Financial Applications Honors
  or Geometric Design

Calculus Honors or AP Stats
→ Calculus Honors or AP Calculus AB or AP Stats

Adv. Pre-Calculus Honors
→ Calculus Honors or AP Calculus BC or AP Statistics or Multivariable Calculus Honors

College Algebra
→ Advanced Algebra with Financial Applications Honors
Science

General prerequisites for all Science Honors courses 9th – 12th:

- “A” in previous year’s College Prep course or “B” or better in previous Honors course.
- A score of 500 or above on all sections of the PSAT/SAT for 9th and 10th grade courses and 550 or above for 11th and 12th grade courses.
- Teacher recommendation.

**Biology - 2000310** One Year

Biology will provide students with general exploratory experiences and activities in the fundamental concepts of life. Topics include, but are not limited to, the scientific method, measurement, lab safety, cell biology and reproduction, basic principles of genetics, biological changes through time, classification and taxonomy, microbiology, structure and function of plants, animals and humans and ecological relationships. Hands-on laboratory experiences will be used to reinforce the biological concepts.

**Biology Honors* - 2000320** One Year

Biology Honors is an in-depth course in biological concepts that apply to all living systems. It covers the chemistry of life, cell structure and function, photosynthesis, cellular respiration, cell growth and function, genetics, evolution, pathogens, plants, ecology and the human body. Additional emphasis is placed on molecular biology and on skill development that encourages students to think critically and to develop a well-designed, science research project. Hands-on laboratory activities will be performed to support the content.

*Prerequisites: Completion of Algebra I and completion of, or concurrent enrollment in, Geometry.

**AP Biology* (Elective) – 2000340** One Year

AP Biology is an in-depth study of the facts, principles and processes of biology and is designed to prepare students to take the AP Biology Board exam. Course topics include, but are not limited to, the chemistry of life, cell structure and function, cellular energetics, cell communication and cell cycle, heredity, gene expression and regulation, natural selection, and ecology. Instruction will focus on inquiry-based learning of essential concepts and development of the reasoning skills necessary to analyze concepts. Required laboratory experiments will be included to support the content. AP Biology is a college-level Biology course and is designed to be taken after the completion of Biology Honors.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. “A” in Biology Honors and teacher recommendation required.
Chemistry* - 2003340  One Year

The purpose of this course is to study the composition, properties and changes associated with matter and their applications. The content should include, but not be limited to, the following: the nature of science, matter classifications, atomic theory, the periodic table, bonding, chemical formulas, chemical equations, stoichiometry, acids and bases, behavior of gases, and thermodynamics. Emphasis will be placed on mathematical analysis, problem solving, laboratory activities, report writing, critical thinking and data analysis.
*Prerequisite: Completion of Biology.

Chemistry Honors* - 2003350  One Year

Chemistry Honors introduces students to an in-depth study of matter, energy, periodicity, quantum mechanics, equilibrium and thermodynamics. Laboratory exercises utilizing the appropriate technology will be incorporated throughout the year. The course is structured by modules and is sequenced as follows: matter and energy, phases of matter, structure of matter and periodicity, acid base theories, bonding, chemical reactions, chemical quantities, equilibrium and thermodynamics. Honors students will be challenged with an increased pace, mathematical analysis and concept depth.
*Prerequisites: “A” in Biology or “B” or better in Biology Honors and completion of, or concurrent enrollment in, Algebra II Honors.

AP Chemistry* (Elective) - 2003370  One Year

This AP course is designed to follow the syllabus of a first-year college Chemistry course for Chemistry majors. It covers chemical principles with a strong problem-solving orientation and prepares students to take the AP Chemistry exam. Appropriate laboratory experiments will be included to supplement the curriculum.
*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. AP Chemistry is a college-level Chemistry course and is designed to be taken after the completion of Chemistry Honors.

Organic Chemistry Honors* (Elective) - 2003360  One Year

This course provides a systematic study of the theories, principles, and techniques of organic chemistry. Topics include nomenclature, structure, properties, reactions, and mechanisms of hydrocarbons, alkyl halides, alcohols, and ethers; further topics include isomerization, stereochemistry, and spectroscopy. Laboratory experiments, including spectroscopy and chromatography, as well as multi-step synthesis experiences are used to reinforce the basic principles discussed in lecture.
*Prerequisite: Completion of AP Chemistry.

Physics* (Elective) - 2003380  One Year

This course, open to 11th and 12th graders, provides students with an introductory study of the theories and laws governing the interaction of matter, energy and the forces of
nature. Topics include, but are not limited to, kinematics, momentum, energy, electricity, work and power. Laboratory activities will be included with emphasis on analysis of data and formal report writing. Mathematical analysis and problem solving skills will be strongly emphasized.

*Prerequisites: “B” or better in Chemistry and completion of, or concurrent enrollment in, Algebra II.

**Physics Honors** (Elective) - 2003390 One Year

This course, open to 11th and 12th graders, provides students with an introductory study of the theories and laws governing the interaction of matter, energy and the forces of nature. It challenges students to incorporate critical thinking and problem solving skills. Topics include, but are not limited to, kinematics, dynamics, momentum, energy, work and power, heat and thermodynamics, wave properties, light, sound electricity and magnetism.

*Prerequisites: “B” or better in previous year’s Math course, concurrent enrollment in Pre-Calculus Honors or higher Math, and completion of Chemistry Honors.

**AP Physics 1** (Elective) - 2003421 One Year

AP Physics 1 provides an introduction to the main principles of classical mechanics in physics emphasizing inquiry-based learning and the development of problem-solving ability. Topics include kinematics, dynamics, energy, work and power, heat, sound and electric circuits. Both AP Physics 1 and 2 provide a foundation in physics for students interested in the life sciences, some applied sciences and pre-medicine, as well as other fields of study not directly related to science. This one-period course is comparable to one semester of a yearlong college introductory Physics course.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.

**AP Physics 2** (Elective) - 2003422 One Year

AP Physics 2 provides an introduction to the main principles of electricity and magnetism emphasizing inquiry-based learning and the development of problem-solving ability. Topics include mechanics, fluid mechanics, thermodynamics, electricity and magnetism, optics and atomic and nuclear physics. Both AP Physics 1 and 2 provide a foundation in physics for students in the life sciences, some applied sciences and pre-medicine as well as other fields of study not directly related to science. This one-period course is comparable to one semester of a yearlong college physics introductory course.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.
AP Physics C*  
Mechanics, Electricity and Magnetism (Elective) - 2003430

The AP Physics C course is recommended for students planning to major in the physical sciences or engineering in college. AP Physics C builds on the conceptual understanding attained in a previous course in physics. A foundation in calculus is also required as methods of calculus are used in formulating physical principles and applying them to physical problems. This course is more intensive and analytic than AP Physics 1 and 2 and focuses on mechanics, electricity and magnetism. AP Physics C is taught in one period and is comparable to an intensive one-year college course with a laboratory component.
*See AP prerequisites. Students are required to take the Advanced Placement exams at the end of the year. There are two AP exams associated with this course. Seniors only.

Advanced Marine Research* (Elective) - 2002510R  
0.5 Credit  
*Summer only

Advanced Marine Research gives students the opportunity to interact with field researchers who will provide instruction and guidance in past, present and future marine investigations in the Florida Keys. The course is a three-week summer session: two weeks of classroom and pool instruction at LHPS and one week dedicated to fieldwork at a research facility in the Keys. Students will conduct their own research, collect data, analyze lab-based instruction, and participate in ongoing projects that exist at the facility. Classroom and lab instruction will include topics such as marine ecology, marine wildlife, reef ecosystems, mangrove habitats, oceanography, field first aid, marine chemistry and marine geology. Students will also be required to participate in various environmental/stewardship programs. All participants will conduct individual research and create scientific logbooks.
*Prerequisites: All students must be rising 9th graders. Students must have a recommendation from their current Science teacher.

Anatomy & Physiology Honors* (Elective) - 2000360  
One Year

Anatomy is the branch of science that deals with the structure of body parts, forms and arrangements. Anatomists observe body parts grossly and microscopically and describe them as accurately and in as much detail as possible. Physiology is concerned with the functions of body parts: what they do and how they do it. Throughout the course, explanations of normal structure and function are supplemented by discussion of related disease processes. Laboratory experiments will be included with an emphasis on comparative anatomy dissections.
*Prerequisites: “A” in both Biology and Chemistry or a “B” or better in both Biology Honors and Chemistry Honors. Juniors and seniors only.

Forensics Science Honors* (Elective) - 2002480  
One Semester

Starting with crime scene investigation, this course will explore the various scientific tools used to assemble information and solve crime. Laboratory investigations, evidence
analysis and class discussions will be used to cover the following topics: crime scene investigation, evidence collection, fingerprints, casts and impressions, DNA, blood spatter and hair/fiber identification.

*Prerequisites: Completion of Biology and Chemistry.

Environmental Science* (Elective) - 2001340 One Semester
Honors Option - 2001341

This course offers an overview of topics and disciplines needed to understand the environmental issues and challenges of today’s world. The course will integrate aspects of biology, earth science and public policy. Specific topics will include, but are not limited to, a survey of current environmental issues, including global warming, ozone depletion, degradation of ground water quality, declining biodiversity, deforestation and conservation policy, human population growth, energy, pollution and sustainability. Laboratory work and field work is part of this offering. All students will experience the same in-class and field activities. Honors students will also complete independent study projects each quarter approved by the instructor.

*Prerequisites: Completion of Biology and Chemistry. Juniors and seniors only.

AP Environmental Science* (Elective) - 2001380 One Year

AP Environmental Science is designed to be the equivalent of an introductory college course in Environmental Science. The goal of the course is to provide 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 man-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving and/or preventing them.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Juniors and seniors only.

Exercise Science Honors (Elective) – 8417100 One Semester

Exercise Science is designed to be a realistic application of previous science knowledge with a deeper dive on topics in the sciences of biology, chemistry, and anatomy/physiology. Topics will encompass how the body works, how to keep it working properly, what to do if it is not working properly, and how to help others whose bodies are not working well. Students will be trained to not only understand the different parts of the body and their functions, but how to fuel them properly. They will also learn using clinical practices and case studies how different groups of people require different fuel or exercise regimes based on their bodies.

*Prerequisites: Completion of Biology and Chemistry. Juniors and seniors only.

Marine Biology* (Elective) - 2002500 One Semester
Honors Option – 2002510

Marine Biology is a detailed study of the physical, chemical and organic features of the world’s oceans. There is a growing awareness and concern about the importance of the world’s oceans as a source of food, as reservoirs of minerals and energies, as a
supplier of oxygen and climate regulation and as a convenient location for disposal of human and industrial wastes. This course is designed to develop awareness about the essential importance of this vast yet finite resource. The content shall include physical oceanography, meteorology, marine communities, major marine phyla and divisions, marine ecology and humans’ interrelationship with the ocean. Laboratory work and field research are part of this offering. Students interested in the Honors-level course will experience the same in class and field activities as the College Prep students. They will also have independent study projects, which will include a presentation of an approved topic and an additional stewardship project approved by the teacher.

*Prerequisites: Completion of Biology and Chemistry. Juniors and seniors only.

Engineering: Design the Future Honors* (Elective) - 8600160 One Semester

This course focuses on the fundamentals of modern engineering and technology in the information and communication age. Students will gain understanding of how modern engineers problem-solve and design using math, science and ingenuity. In addition, students will be exposed to new and relevant applications of mathematics, science and technology to important engineering problems while developing a deeper and broader set of technology skills. Students will become familiar with a variety of current and future career opportunities in engineering related fields and the excitement and creativity of the engineering design process. Students will learn the fundamentals of circuits, electronics and robotics, culminating in the designing and testing of simulations of electronic systems.

*This course cannot be used to meet credit requirements for Bright Futures.
*This course can be used to fulfill the Computer Science or Science requirement.
*Prerequisites: Completion of Biology and Chemistry. Juniors and seniors only.

Advanced Research Honors* (ASPIRE) (Elective) -  
I Honors- 1700300, II Honors- 1700310, III Honors- 1700320 One Year

This course is designed to promote advanced research experiences for those science students who are willing to commit to the required extra time and effort which in-depth research entails. It is directed toward students who have excelled in the areas of science, mathematics and computers. Students in grades 10-12 may apply for this program, but it is specifically directed toward highly motivated science students who have completed advanced science coursework. Students must be prepared to work a minimum of four hours per week in a research laboratory off-campus and provide transportation to the site. The goal is for students to find an appropriate mentor to guide the student through an advanced research problem in a laboratory setting. The student will be under the supervision of a science teacher at LHPS, who will assist in placement of the student, follow up with on-site visits and monitor research progress and student dedication. Students interested in participating in this course will go through a selective interview and application process with an LHPS Science Faculty Committee to determine eligibility. Throughout the research, the teacher will guide the student through the writing of a research report, which is designed to show in-depth knowledge of the subject, document the research process and analyze the results appropriately. This report should be suitable for competition at local, state and international science
competitions. Additionally, students will be guided to participate in national science scholarship competitions and to submit samples of their research to highly selective colleges.

*This course cannot be used to meet credit requirements for Bright Futures.

*Student must be nominated and/or submit an application and be accepted by the LHPS ASPIRE committee. Students should have a “B” or better in previous Science/Math/Computer Science courses. Limited enrollment.

*This course will be offered for credit during PRIME time.
Social Studies

General prerequisites for all Social Studies Honors courses 9th – 12th:

- “A” in previous year’s College Prep course or “B” or better in previous Honors course.
- A score of 500 or above on the Evidence-Based Reading and Writing portion of the PSAT for 9th and 10th grade courses and 550 or above for 11th and 12th grade courses.
- Teacher recommendation.

Modern World History - 2109310 One Year

This course covers history through both a thematic and periodization lens. Beginning with the Renaissance in Europe and continuing through present day, students will be challenged to be true historians. Students will analyze how revolution, industrialization, imperialism and nationalism helped shape modern nations. They will examine the causes and effects of conflicts in the 20th century. Finally, they will gain background knowledge of the economic, political and social globalization of present day.

Modern World History Honors - 2109320 One Year

This course will cover the same themes and periods as Modern World History. However, more intensive historical analysis will be required. Students will utilize primary and secondary sources and be required to do outside reading and book reviews. Students can expect to write three to four critical essays per quarter. The purpose of this course is to instill a critical approach to the understanding and appreciation of History. Furthermore, this course will prepare students who wish to continue high-level historical analysis to go on to AP-level programs in history and literature.

AP World History: Modern* - 2109420 One Year

This course is designed to be the equivalent of an introductory college or university world history course and students are expected to manage their time and workload independently. In AP World History: Modern, students investigate significant events, individuals, developments and processes in historical periods from 1200 C.E. 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 comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. By developing these skills, students are working at the college level. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.
*Prerequisites: By invitation only and completion of the Summer Institute required.

**United States History - 2100310  One Year**

This 10th grade course provides an in-depth study of United States history. The course will begin with an overview of exploration of the New World and colonial America. The main emphasis of the course will cover the American Revolution, early U.S. domestic and foreign policy, the Civil War and Reconstruction, Imperialism, American involvement in the World Wars, the Cold War, Civil Rights and Vietnam to the present. Students will have the opportunity to investigate and analyze these major historical events, thus developing the understanding and perspective needed for effective citizenship and leadership for the future.

**United States History Honors - 2100320  One Year**

United States History Honors will give the student added parameters of study in addition to those included in the United States History course. Primary and secondary source readings will be required, as will critical reviews of assigned readings. Map skills as applied to historical data will also be stressed. The course will require more critical reading and writing and class discussions/projects on the cause-effect nature of history. Outside reading and critical reviews are required each semester.

**AP United States History* - 2100330  One Year**

This course, available to academically talented students, provides the opportunity to develop analytical skills and factual knowledge necessary to deal critically with the problems, content and materials of American historic development. Studies focus on persistent themes and changes in history and apply historic reasoning to seek solutions to contemporary problems. Students enrolled are expected to read widely, research thoroughly and write often.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year.

**AP Art History* (Elective) - 0100300  One Year**

The AP Art History course engages students at the same level as an introductory college art history survey. This course involves students in critical thinking, visual analysis, and developing understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. Students examine art in the context of politics, religion, patronage, gender, function and ethnicity. The AP Art History exam contains multiple choice questions and essays that reflect and examine the above mentioned topics.

*See AP prerequisites. Juniors and seniors only.
*Students are required to take the Advanced Placement exam at the end of the year.
*This course cannot be used to meet credit requirements for Bright Futures.
American Government Honors* (Elective) - 2106320 One Semester

This Honors course is designed to familiarize students with the government of the United States through the study of the Constitution and its application to a federal system of government, elections, political parties, interest groups and the media. Emphasis is placed on the separation of powers among the congress, the presidency and the judiciary. This course provides challenging content and advanced knowledge and understanding of the government of the United States.
*For juniors and seniors only.

AP European History* (Elective) - 2109380 One Year

AP European History is a college-level course. The course covers European history from the late Middle Ages to the present. Major themes include European exploration, the Renaissance and Reformation, National and Industrial Revolutions, Imperialism and the World Wars. The course will specifically emphasize analytical thinking and the development of essay-writing skills with special emphasis on document study.
*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. For juniors and seniors only.

AP Macroeconomics* (Elective) - 2102370 One Semester

This semester course will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Emphasis is on the study of national income and price level determination, economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Additionally, the study of various economic systems, the business cycle, monetary policy, the role of government in the marketplace, supply and demand, free market economy and other macroeconomic principles will be highlighted. Students will learn the skills necessary to perform economic analyses of macroeconomic concepts through the use of graphs and algebraic equations. The framework for the course is built upon recommendations from the National Council on Economic Education and is designed to prepare students for the AP Macroeconomics exam.
*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. For juniors and seniors only. Priority will go to seniors.

AP Microeconomics* (Elective) - 2102360 One Semester

This semester course in Microeconomics provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The course is divided into five major areas: basic economic concepts, the nature and function of product markets, theory of the firm, factor markets and the role of government. Students are expected to know the material and be able to apply the concepts to a variety of real and simulated situations. Students are frequently
required to construct graphs and explain them to the class to demonstrate their understanding. This course will utilize mathematical concepts learned in Algebra. A firm foundation and thorough understanding of Algebra is required in order to apply the concepts to real-world economic models. All major tests and most quizzes include both multiple choice questions and free-response questions.

*See AP Prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Completion of AP Macroeconomics. Juniors and seniors only. Priority will go to seniors.

**AP Psychology** (Elective) - 2107350

This college-level course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. What compels us to act? How does memory work? What happens when someone is “mentally ill”? How can he or she be helped back to health? How do humans develop cognitively and emotionally? How are fears created? How was my self-concept developed? What is the interplay between thought and behavior? Does my brain control me, or do I control it? How much of “me” was determined genetically at birth, and how much was acquired by experience and learning? Do I have freedom and control of my behavior or does my psyche control me? How much am I in charge of my life? These and many other fascinating questions will frame the subject matter of this course. Critical thinking and clear, concise writing demonstrating knowledge of psychological concepts will be emphasized.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. For seniors only.

**AP U.S. Government/Politics** (Elective) - 2106420

This college-level course covers the fundamental institutions of the American system of Government including the Supreme Court, Congress, the Executive Branch, and the six basic principles of American Democracy. Students will explore a number of foundational documents such as the Declaration of Independence, U.S. Constitution, Federalist Papers and the Letter from Birmingham Jail. Emphasis is placed on the linkages between public opinion and public policy. Constitutional interpretation and guardianship is an overarching theme of the course, linking the material through fifteen required cases. The political side of the course instructs students in how to link historical analysis with the modern interpretations and arguments made by citizens and the courts.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. For juniors and seniors only. Priority will go to seniors.

**Comparative Religions** (Elective) - 2105310

Through the study of world religions, students acquire an understanding of the way people in different cultures satisfy their spiritual needs. Students will examine the central belief systems, texts, traditions and practices of the major living religions. Starting from
an in-depth examination of Christianity and its beliefs, the students will then go on to examine such other religious traditions as Buddhism, Confucianism, Hinduism, Islam and Judaism. Students will gain an understanding of religion in culture and the relationship between religion and other social institutions.

**Economics Honors* (Elective) - 2102345  One Semester**

Economics is the study of how choices are made. In the first nine weeks, students will focus on microeconomics. Students will gain an understanding of the principles of economics and how they apply to decisions made by individuals and businesses. Primary emphasis is on the nature and function of product markets, competition between firms and the role of prices. In the second nine weeks, students will turn their focus to macroeconomics, applying the principles of economics to the economic system as a whole. Emphasis will be placed on measuring the economic health of a country, the government’s role in the economy and international economics.

*See general prerequisites. Juniors and seniors only.

**Entrepreneurship I* (Elective) - 8812110  One Semester**

Do you have a brilliant idea that you want to put into action? Fancy yourself as the next Steve Jobs, Warren Buffett or Mark Zuckerberg? Entrepreneurship I will focus on how to design, launch, run and grow a business. Students will explore how to recognize opportunities for starting a business and how to evaluate and understand markets. They will develop an understanding of planning and maintaining a profitable business through guest speakers, problem solving and case studies. The course will culminate with students pitching their own business ideas and plans in an entrepreneurial competition.

*Grades 10-12 only. This course cannot be used to meet credit requirements for Bright Futures.

**Humanities I (Elective) - 0900300  One Semester**

*This course is also offered during the summer.*

Humanities I is a roller coaster ride through art, music, literature and architecture from pre-history to the Renaissance. This course, designed for juniors and seniors, provides a look at humankind’s greatest creative achievements through class discussions, lectures, films, PowerPoint presentations, readings and appropriate hands-on activities pertinent to each unit of study.

*This course cannot be used to meet credit requirements for Bright Futures. Juniors and seniors only.

**Humanities I or II Abroad (Elective) - I - 0900305, II - 0900315  One Semester**

*This course is offered during Spring Break and during the summer.*

In Humanities, we consider the art, architecture, writing, theatre, and religion in global cultures. The study of humanities comes alive as students travel abroad during school breaks. The courses investigate the art and culture of various ages and locations geared toward a specifically chosen travel destination. These exciting study trips are
enhanced with pre-trip instruction and course work, lively discussions and educational activities during the trips, and post-trip analysis. To receive credit, all study assignments and planned trip activities must be completed.  
*This course cannot be used to meet credit requirements for Bright Futures. Juniors and seniors only.

**International Relations Honors* (Elective) - 2106445**  
**One Semester**

This Honors course is designed to familiarize students with the theories of international relations (IR). This course will begin with an overview of international relations and its history, beginning with the Peace of Westphalia of 1648. Analysis and evaluation of the main theories of international relations will include but not be limited to realism, idealism, Marxism, dependency theory, constructivism and feminism. The first nine weeks of the course will focus on what IR is and the history of its development as a field of study. In the second nine weeks, students will apply their knowledge of IR to real-life international issues, including but not limited to, the Israeli-Palestinian question, United States and China relations, a nuclear Iran, Pakistan and Afghanistan and North Korea and the Six Party Talks.  
*Juniors and seniors only.*

**Italian Renaissance Art and Architecture Honors (Elective) – 0100330**  
**Summer only**  
**One Semester**

Students will study and examine the history and artistic production of Italy from c. 1300-1600. Students will be exposed to art historical analytical tools, major works, artists, and authors. Furthermore, students will place art within the cultural context that created it, applying their knowledge of history to the works produced by historical figures. This course includes travel abroad to Italy.  
*Grades 10-12 only. This course cannot be used to meet credit requirements for Bright Futures.*

**Personal Finance Honors: (Elective) - 2102374**  
**One Semester**

*This course is also offered online during the summer.*

Are you ready for the game of life? What’s the ROI on your future degree? Are all credit cards considered equal? Should you choose a 401k or a 403b retirement account? Prepare for these important decisions and more in this personal finance course which will walk you through the various aspects of your life and the important choices you will have to make along the way. We will cover concepts including budgeting, paying taxes, saving for retirement, acquiring loans, understanding credit scores and more. This course is a blended course that will combine online learning objectives with real world applications. Students will be expected to complete online assignments in addition to their classroom participation.  
*This course cannot be used to meet credit requirements for Bright Futures.*
Psychology I Honors* (Elective) - 2107300  One Semester

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course will better prepare them to understand their own behavior and the behavior of others. The content of this course will cover but not be limited to major theories and orientations of psychology, psychological methodology and statistics, memory and cognition, human growth and development, personality, abnormal behavior, therapy and social psychology. Critical thinking, research and writing will be important components of this semester course.
*For seniors only.

Social Entrepreneurship* (Elective) – 8812110A  One Semester

Are you a problem solver? Have you ever wanted to make a difference in the world around you? The Social Entrepreneurship elective will provide students in 10th-12th grades the opportunity to pursue a social issue they are passionate about and work on developing their very own social impact theory. Students will use their entrepreneurial spirit to identify, research, and offer a fresh new perspective on the social issue they are most interested in. This course can be the groundwork for a future venture, or a fulfilling passion project you can be proud of. Either way, anyone who takes this class will come away with a greater sense of compassion, empathy, and what it means to be a servant leader.
*Grades 10-12 only. This course cannot be used to meet credit requirements for Bright Futures.
World Languages

General prerequisites for all World Language Honors courses 9th – 12th:

- Level III Honors and IV Honors require 85% or better throughout previous Honors course or 90% or better throughout previous year’s College Prep course in addition to an 85% or better on the placement test.
- Teacher recommendation. (*Students must consistently demonstrate effort and interest in the target language, and be willing to speak and be spoken to in that language.*)
- All students new to LHPS who plan to take a level II or above World Language course must take a placement test. An 85% or better on the World Language placement test is required for Honors placement. (Placement tests may be arranged through your guidance counselor.)

*Note: A minimum of three years of a World Language in grades 9th – 12th is recommended for those students seeking admission to selective colleges.

American Sign Language I* - 0717300 One Year

This course will teach students basic conversational skills in American Sign Language (ASL), and the awareness of various aspects of deafness. The content includes conversational vocabulary, grammatical features, the principles of ASL and the educational, social, cultural, and historical aspects of deafness.

*According to State Bill CS/HB 2997(1990 Legislature), the Florida University system agrees that the sequence of courses in American Sign Language will meet the foreign language credit for entrance requirements, but may not meet university requirements for graduation. Students planning to attend private or out-of-state schools need to check their selected school’s admission requirements.

American Sign Language II* - 0717310 One Year

This course will further develop knowledge of sign language and an awareness of cultural aspects of the deaf community. Students will increase their ASL vocabulary while reinforcing the fundamental skills acquired by the students in American Sign Language I. Students will create videos demonstrating meaningful dialogue, narratives and dramas.

*According to State Bill CS/HB 2997(1990 Legislature), the Florida University system agrees that the sequence of courses in American Sign Language will meet the foreign language credit for entrance requirements, but may not meet university requirements for graduation. Students planning to attend private or out-of-state schools need to check their selected school’s admission requirements.
French I - 0701320  One Year

The purpose of this course is to introduce students to the French language and its culture. Students also start developing communicative proficiency and cross-cultural understanding. Emphasis is placed on listening and speaking skills through the use of a variety of activities, projects and technology. Fundamentals in grammar and vocabulary are introduced by using the skills of writing, reading, speaking and listening.

French II - 0701330  One Year

The purpose of this course is to continue to develop proficiency in speaking, reading, writing and listening acquired in French I. It focuses on the three modes of communication (interpersonal, presentational, and interpretive), thus helping students to become more proficient in the five skill areas which include, communication, cultures, connections, comparisons and communities. The continued study of culture is also emphasized through discussions, readings and use of the Internet. Conversational skills are practiced while the introduction of new verb tenses enhances the students’ speaking skills. Technology experiences support the goals of this course.

French II Honors* - 0701330H  One Year

The purpose of this course is to continue to develop proficiency in speaking, reading, writing, and listening acquired in French I. It focuses on the three modes of communication (interpersonal, presentational, and interpretive), thus helping students to become more proficient in the five skill areas which include, communication, cultures, connections, comparisons and communities. The continued study of culture is also emphasized through discussions, readings and use of the internet. Conversational skills are practiced while the introduction of new verb tenses enhances the students’ speaking skills. Technology experiences support the goals of this course. Students signing up for Honors will complete extension activities such as additional dialogues, exercises, presentations and projects. The ability to work independently and the timely submission of all Honors projects are mandatory.

*Prerequisites: 90% or better in French I and teacher recommendation.

French III (Elective) - 0701340C  One Year

This intermediate course will continue to expose students to more complex language structures and provide ample practice to refine students’ reading, writing, listening and speaking skills. It focuses on the three modes of communication (interpersonal, presentational, and interpretive), thus helping students to become more proficient in the five skill areas which include, communication, cultures, connections, comparisons and communities. Students’ preparation will involve those skills needed for business, travel and other real-life situations. This course is taught in French and is intended for those students who do not plan to continue to AP French.
French III Honors* (Elective) - 0701340

The purpose of this Honors-level course is to continue to develop proficiency based on the skills acquired in French I and II H. It focuses on the three modes of communication (interpersonal, presentational, and interpretive), thus helping students to become more proficient in the five skill areas which include, communication, cultures, connections, comparisons and communities. French countries as well as Francophone culture are taught and explored through texts, newspaper and magazine articles, and excerpts of literature from French writers, philosophers and poets. Short video movies or documentaries are shown and discussed in the target language. In this particular year, students learn about French history, French art from the Renaissance to the Post-impressionism period, and French singers and song writers. This class is conducted in French.

*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

French IV Honors* (Elective) - 0701350

The purpose of this Honors-level course is to continue to increase proficiency based on the skills previously acquired in French III H. This pre-AP course is centered around themes, incorporates overarching essential questions, and focuses on the three modes of communication on a deeper level. It also relies on authentic print, audio, and video materials, and requires students to comprehend cultural perspectives and make comparisons between cultures. Emphasis is on more advanced language structures and idiomatic expressions, authentic materials, and an abundance of vocabulary and grammar to prepare the student for real life communication situations. The textbook units are centered on the six themes that prepare the students for the AP curriculum. Each lesson is framed with an essential question to provide a deeper and richer learning experience. Creative writing, reading, and listening skills, as well as oral presentations are stressed throughout the year. This class is conducted entirely in French.

*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

AP French Language & Culture* (Elective) - 0701380

This college-level course is designed around six fundamental themes or units: Global Challenges, Beauty & Aesthetics, Science & Technology, Families & Communities, Personal & Public Identities, and Contemporary Life. The class will emphasize several key components, including: reading and interpreting authentic material in the target language; spoken and written interpersonal, conversational communication; proficiency in spoken and written presentational communication; the ability to compare and contrast different cultures in a broader scale; interpreting print, digital and audio material; writing effective persuasive essays; and promoting critical thinking and exploration of essential questions.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Minimum grade requirement MUST be accompanied by teacher recommendation.
recommendation.

Latin I – 0706300

The purpose of this course is to enable students to comprehend the Latin language through practice in reading and speaking. Using the reading approach, students will study the Roman culture and history and its relevance in their culture. Students will also increase their general language skills, particularly grammar, vocabulary and derivatives. This study also includes the roots of modern romance languages.

Latin II - 0706310 One Year

This second-level course in Latin will afford the students an opportunity to read funny and enriching stories that contain deeper cultural themes and require further linguistic proficiency. Emphasis will be put on more complex grammatical structures such as the passive voice, subjunctives and subordination. Cultural enrichment will have a special focus on Roman belief systems.

Latin II Honors* - 0706310H One Year

This second-level course in Latin will afford students an opportunity to read funny and enriching stories that contain deeper cultural themes and require further linguistic proficiency. Emphasis will be put on more complex grammatical structures such as the passive voice, subjunctives and subordination. Cultural enrichment will have a special focus on Roman belief systems. In addition, students will engage critically with the literature and culture of Rome through close-reading projects and essay-writing in preparation for the higher levels of Latin reading and appreciation. This course is highly recommended for those considering Latin IV and AP Latin.

*Prerequisites: 90% in Latin I and teacher recommendation.

Latin III (Elective) - 0706320C One Year

The purpose of this course is to prepare students to read and assess original authors in the Latin tradition. In the first part of the course, a focus on increased grammatical proficiency will continue to develop stories in Latin. Additional structures of Latin grammar and style will be covered, and some readings in Classical Latin will be interwoven with the textbook material. The second portion of the course will be conducted entirely through the study of original Latin authors. Overall, students will read selections from Martial (master of insult poetry), Pliny the Younger (an invaluable source on social history), Ovid, Catullus, Horace and Vergil. The course will solidify fundamental grammatical principles and prepare students for the further study of literature in all languages through an emphasis on genre, literary devices and close reading.

Latin III Honors* (Elective) - 0706320 One Year

The purpose of this Honors course is to prepare students to read and assess original
authors in the Latin tradition. In the first part of the course, grammatical proficiency will continue to develop through more challenging and thematically rich fictional stories in Latin. Complex structures of Latin grammar and style will be covered, and some readings in Classical Latin will be interwoven with the textbook material. The second portion of the course will be conducted entirely through the study of original Latin authors. Overall, students will read selections from Martial (master of insult poetry), Pliny the Younger (an invaluable source on social history), Ovid, Catullus, Horace, Vergil and Livy. The course will prepare students for the further study of literature in all languages through an emphasis on genre, literary devices and close reading. This course differs from the College Prep level in pace, depth and breadth.
*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

**Latin IV Honors* (Elective) - 0706330**

This Honors-level course is a general survey of Latin literature, including both poetry and prose in a wide range of genres. Themes of the course will include epic poetry, love elegy, oratory, history, philosophy and science. The course will emphasize developing comfort, speed and flexibility in the reading of Latin literary texts. A survey of Roman history will also be included. The course is intended as a preliminary to AP Latin, and will prepare students for success at that level.
*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

**AP Latin* (Elective) - 0706375**

This AP Latin course will emphasize several key components, including: the ability to read, understand, and translate original Latin texts, both after study and at sight; the ability to recognize literary devices and assess their significance; the ability to scan Latin poetry and comment on its sound and sense; and the ability to write effective essays.
*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Minimum grade requirement MUST be accompanied by teacher recommendation.

**Mandarin Chinese I - 0711300**

This course will introduce students to Mandarin Chinese language and the Chinese culture. Students will develop communicative proficiency as they are introduced to basic vocabulary, grammatical structures and Chinese characters through varied hands-on learning activities. Pinyin and tones will also be emphasized. Students will explore the culture and customs of the Chinese community. Students will be able to read selections of simple Chinese books, songs and poetry. They will also be asked to write skits in Chinese characters. Approximately 300 characters will be introduced.
Mandarin Chinese II - 0711310  
One Year

This level II course continues to emphasize communicative competence in the target language. Students will expand their vocabulary and develop daily life communication skills through oral practice, class presentations, discussions, writing characters, essay, films, technology, culture and history. Approximately 200 characters will be introduced.

Mandarin Chinese II* Honors - 0711310H  
One Year

This level II Honors course continues to emphasize communicative competence in the target language. Students will expand their vocabulary and develop daily life communication skills through oral practice, class presentations, discussions, writing characters, essay, films, technology, culture and history. Character writing skills will be developed and emphasized. Approximately 300 characters will be introduced.

*Prerequisites: 90% in Chinese I and teacher recommendation.

Mandarin Chinese III - 0711320C  
One Year

This level III course will emphasize pronunciation and tones in order to reinforce students’ abilities to convey conversations in Chinese in business and social settings. Students will also work toward reading and writing Chinese characters with ease. Topics covering Chinese daily life, culture, history, current events and the Chinese college experience will compare and contrast the American and Chinese way of life, history and culture. Authentic films, listening materials and reading materials will be widely used in the classroom. Students will be encouraged to take the Globalized Youth Chinese Proficiency Test (YCT).

Mandarin Chinese III Honors* (Elective) - 0711320  
One Year

This level III Honors course emphasizes the proficiency and fluency of listening, speaking, reading and writing through extensive class oral conversation, presentations, and essay writings, as well as hands-on projects. Topics covering Chinese daily life, culture, history and current events, will be compared and contrasted with the American way of life, history and culture. Authentic films, listening materials and reading materials will be widely used in the classroom. All students will be able to take the Level 3 Global Youth Chinese Test (YCT).

*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

Mandarin Chinese IV Honors* (Elective) - 0711330  
One Year

This course is implemented as a Chinese pre-AP course to prepare students to transition smoothly into the AP Chinese Language and Culture course. Students will refine their language skills by writing a daily journal, weekly essays, delivering daily oral reports, and conducting debates and discussions. Students will perform in target language projects and in real target language settings. Students will also watch
authentic Chinese documentaries and films. Great attention is given to spoken and written fluency. Students will be prepared and encouraged to take the SAT Chinese subject test.

*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

**AP Chinese Language & Culture** (Elective) - 0711340

The AP Chinese Language and Culture course is designed to be comparable to a first-year college course in Mandarin Chinese. This course focuses on language proficiency while interweaving cultural content and providing frequent formative assessment of students’ developing proficiencies within the context of their learning. The course engages students in an exploration of both contemporary and historical Chinese culture in an international language, including pronunciation, vocabulary, idiomatic expressions, grammatical structures and written characters. By deepening students’ immersion in the language and culture, students are expected to achieve proficiencies at the “intermediate range,” as described in the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Minimum grade requirement MUST be accompanied by teacher recommendation.

**Spanish I** - 0708340

This course introduces students to the Spanish language and its culture. Students start developing communicative proficiency and cross-cultural understanding through readings, classroom presentations and hands-on activities. Using technology, the students experience the Hispanic culture and practice their emerging communicative skills. Fundamentals in grammar and vocabulary are addressed through writing, reading, speaking and listening. This course is taught in Spanish and English to prepare students for Spanish II.

**Spanish II** - 0708350

This level II course continues to emphasize communicative competence and the relationship between the Spanish language and Spanish speaking cultures. Students will be introduced to more advanced grammatical structures such as the imperfect and the preterit tenses, and students will continue to refine reading and writing skills as well as listening skills. Technology experiences support the goals of the course. This course is taught mostly in Spanish and will prepare students for Spanish III.

**Spanish II Honors** - 0708350H

This level II Honors course continues to emphasize communicative competence and the relationship between the Spanish language and Spanish speaking cultures. Students
will be introduced to more advanced grammatical structures such as the imperfect and preterit tenses, as well as the conditional and future tenses. The use of the subjunctive mood will be introduced. Students will continue to work on their reading skills by reading short segments of authentic literature. Students will also be expected to write more extensively. This course is taught in Spanish and will prepare students for Spanish III Honors.

*Prerequisites: 90% in Spanish I and teacher recommendation.

**Spanish III (Elective) - 0708360C**

This intermediate course will continue to expose students to more complex language structures and provide ample practice to refine students’ reading, writing, listening and speaking skills. Students’ preparation will involve those skills needed for business, travel and other real life situations. This course is taught in Spanish and is intended for those students who do not plan to continue to the AP Spanish Language and Culture course.

**Spanish III Honors* - 0708360**

This Honors-level course is designed to expand and develop the skills learned in previous years. The understanding of grammatical concepts are strengthened through oral presentations and written assignments. Students will read literature excerpts as well as write essays on selected topics. Students will also have to complete and present projects that will showcase the skills they have acquired and practiced in class. This course is taught in Spanish. Cultural awareness is directed towards current events and everyday life of Spanish and Latin American people.

*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

**Spanish IV (Elective) - 0708370C**

This course is the capstone course in the College Prep Spanish language series. Students round out their Spanish language and culture education by using authentic resources and applying previous knowledge. This course continues to emphasize and strengthen reading, writing, listening, and speaking skills using a thematic approach. Students continue to review and learn new verb tenses while enriching their vocabulary and cultural knowledge. The course is intended for those students who do not plan to continue to the AP Spanish Language and Culture course.

**Spanish IV Honors* (Elective) - 0708370**

The purpose of this Honors-level course is to continue to increase proficiency in the skills previously acquired in Spanish. Emphasis is placed on advanced language structures and idiomatic expressions. Conversational skills are stressed as well as the continual development of writing, reading, and listening skills. Students complete assignments demonstrating the skills acquired and practiced in class. Students read
selections of authentic literature and compose essays on selected topics. This course prepares students for the AP Spanish Language and Culture course.

*See prerequisites. Minimum grade requirement MUST be accompanied by teacher recommendation.

**AP Spanish Language and Culture** (Elective) - 0708400

One Year

This course is a college-level Spanish course that emphasizes communication by applying interpersonal, interpretive and presentational skills in authentic scenarios. The course uses six recurring themes: Global Challenges, Beauty and Aesthetics, Science and Technology, Families and Communities, Personal and Public Identities, and Contemporary Life. The students explore culture in contemporary and historical contexts while developing an appreciation of cultural products, practices and perspectives of the Spanish-speaking world. The course intends to not overemphasize grammatical accuracy at the expense of communication.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Minimum grade requirement MUST be accompanied by teacher recommendation.
Computer Science

General prerequisites for all Honors courses 9th – 12th:

- “A” in previous year’s College Prep course or “B” or better in previous Honors course.
- A score of 480 or above on the Math and Evidence-Based Reading and Writing sections of the PSAT for 9th and 10th grade courses and 530 or above for 11th and 12th grade courses.
- Teacher and/or counselor recommendation.

AP Computer Science A* (Elective) - 0200320 One Year

In this course, students are introduced to computer science theory and methodology according to the current guidelines of the College Board. The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design and abstraction.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Grades 10-12 only.

AP Computer Science Principles * (Elective) - 0200335 One Year

This course will introduce students to the underlying principles of computer science including the binary number system, programming, abstractions, algorithms, big data, the Internet, cybersecurity, and computing impacts on society. AP Computer Science Principles takes a multidisciplinary approach and will give students the opportunity to use technology to address real-world problems and build relevant solutions. Students are introduced to computational thinking and programming by using JavaScript to develop interactive, mobile apps. The combination of theory, application, and programming make up a rigorous curriculum that aims to open participation in computer science to everyone.

*See AP prerequisites. Students are required to take the Advanced Placement exam at the end of the year. Grades 10-12 only.

Artificial Intelligence (Elective) – 9400920 One Semester

In this course, students will learn what Artificial Intelligence (AI) is and explore applications of AI. The course covers AI concepts and terms like machine learning, deep learning and neural networks. Machine learning algorithms allow computers to learn new things without being programmed. Neural networks help us become experts in predicting behavior, learning languages, and finding new discoveries. AI algorithms help machines classify images, sounds, and videos, answer our questions, write original songs, and even drive cars. Students will also be exposed to various issues and
concerns surrounding AI such as ethics and bias. Exposure to any programming language is recommended due to the number of projects in the course.

**Designing Wearable Computers (Elective) – 8601900**  
*Summer only*

In this course, students will learn about and work with small computers – also known as microprocessors. Computers have become a ubiquitous part of our society and as processors get smaller and smaller, computer applications will continue to find their way not only onto our watches and phones but even the clothes we wear. In this project-based course, each student will design and develop a wearable device (e.g. a button that can detect carbon monoxide levels, earrings that change color with the weather, or any number of ideas that a student may come up with). This course will introduce students to the rapidly evolving field of physical computing, intelligent devices, and the “internet of things” (IoT).

*Prerequisite: Completion of a Computer Science course or demonstrable programming experience.*

**Digital Storytelling I* (Elective) - 0107410**  
One Semester

This course is designed to provide an introduction to the creation of informational, promotional, and social media. Students will learn how to use digital media to “tell stories” that effectively communicate content. This happens at the intersection of art and technology: understanding the process of computers and the internet in this media driven world. Skills gained in the class will be useful for careers such as: digital journalism, business communications, and other media outlets. One main responsibility of this class will be the creation of the morning announcements. This course will require time outside the classroom to capture the media used in story creation.

*This course can be used to fulfill a Fine Arts or Computer Science requirement.*

*Students may select to enroll for a semester or a full year.*

**Digital Storytelling II, III H, IV H* (Elective) – II - 0107420**  
**III Honors- 0107430**, **IV Honors - 0107460**  
One Semester

This course is designed to provide a further exploration of possible career opportunities in the creation of informational, promotional, and social media. Students in this course will continue to refine their skills creating content for the morning announcements. In addition, this course will provide opportunities to work with online video streaming, creation of advertising for Lake Highland, and assisting teachers with media content for their respective courses. This course will require time outside the classroom to capture the media used in story creation, for online event production, and other after school activities.

*Prerequisites: Completion of prior Digital Storytelling course and teacher recommendation.*

*This course can be used to fulfill a Fine Arts or Computer Science requirement.*

*Students may select to enroll for a semester or a full year.*
Engineering: Design the Future Honors* (Elective) - 8600160 One Semester

This course focuses on the fundamentals of modern engineering and technology in the information and communication age. Students will gain understanding of how modern engineers problem-solve and design using math, science and ingenuity. In addition, students will be exposed to new and relevant applications of mathematics, science and technology to important engineering problems while developing a deeper and broader set of technology skills. Students will become familiar with a variety of current and future career opportunities in engineering related fields and the excitement and creativity of the engineering design process. Students will learn the fundamentals of circuits, electronics and robotics, culminating in the designing and testing of simulations of electronic systems.

*This course cannot be used to meet credit requirements for Bright Futures. This course can be used to fulfill the Computer Science or Science requirement.

*Prerequisites: Completion of Biology and Chemistry in addition to Honors prerequisites. Juniors and seniors only.

Game Programming Honors* (Elective) - 8208110 One Semester

Learn how games are created for use on your computers, mobile devices, and VR headsets. This Honors-level course will review the complete process of creating games and virtual experiences using the latest technology. The class will use Construct2, which is a popular game development tool for HTML5 applications, in addition to UNITY 3D for creating virtual 3D environments for use with head-mounted displays (e.g. Oculus Rift, Google Cardboard, and HTC Vive). The course emphasizes problem solving, troubleshooting, iterative development, teamwork and creativity. Special emphasis is placed on programming logic. This course is geared for the beginner who wants to learn how to create and play his or her own games.

*Prerequisite: Concurrent enrollment in Honors Math class with a grade of “B” or better.

Introduction to Computer Science and Programming Honors (Elective) - 0000725
*Summer only; online course One Semester

This course provides an overview of various fields of computer science. It introduces topics such as the binary and hexadecimal number systems, how the internet works, creation of digital images, cyber security, and programming. Students will solve a variety of real world problems through projects and engaging activities. The programming languages used in the course include JavaScript and Python. No previous programming experience required. Students are required to have a computer, webcam, and internet connection.

Robotics I (Elective) – 9410110, One Semester

*This course is also offered during the summer.

This course provides a hands-on vehicle for learning robotics through experience and discovery. Students get to “own” their learning and the teacher becomes the facilitator of their learning. The robotics class is designed to allow students to feel comfortable with
the new and sometimes very complicated concepts that robotics brings with it. Additionally, the student becomes part of a team that defines, designs, and builds a robot; students learn the basic concepts and interrelationship of design, mechanics, engineering, computer programming and software. The students also practice and improve effective communication, teamwork and problem solving skills – all key competencies for success in any field. This course is applicable for all students in today’s world of integrated technology and global communication.

*Preference given to 10th-12th graders. Students will be billed a $150 course fee for the required materials.

**Robotics II Honors** (Elective) – 9410120, III Honors 9410130  One Semester

This Honors-level course uses a hands-on approach to introduce the fundamental concepts in robotics, focusing on mobile robots and illustrations of current state of the art research and applications. Using a C-Based programming language and various robot building systems, students will work in teams to build versatile and robust robots designed for more sophisticated tasks, all while mastering a C-Based programming language, basic wiring, multi-motor control and much more. This course will explore how robots are vital instruments in many fields, including medicine and the military. This course is intended for students with interests in Robotics, Visual Computing and Mechanical Engineering, as well as for students interested in exploring robotics related careers. This course uses the Carnegie Mellon University robotics curriculum.

*Prerequisites: Concurrent enrollment in an Honors Math class with a grade of “B” or better. Successful completion of Robotics I. Teacher recommendation required.

*Preference given to 11th and 12th graders. Students will be billed a $150 course fee for the required materials.

**Web Technology: Design and Development** (Elective) - 8207110  One Semester

This semester course is a hands-on introduction to the design and development of web-based applications. It provides an overview of the technologies of the Internet and its integration in our society. The course is project-based and students will go through an iterative design process including the creation of project proposals, asset sheets, beat charts and other design documents. Students will create an original application for the web and learn about testing and debugging. The students will also be introduced to mobile application development.
Performing and Fine Arts

General prerequisites for all Performing and Fine Arts Honors courses 9th – 12th:

- “A” in previous year’s College Prep course or “B” or better in previous Honors course.
- Teacher and/or counselor recommendation.

Advanced Drawing & Composition Honors I & II* (Elective) - One Year
I Honors- 0109310, II Honors- 0109320

These yearlong Studio Art courses provide students with an opportunity to develop advanced level original artworks in a variety of mediums (including drawing, painting, photography, digital drawing, and mixed media), techniques, and genres. Students will maintain a journal of their ideas and a portfolio of their original art works. Three artworks will be based on a theme. Students can assemble a professional quality portfolio of their artworks matted and in digital format to present to colleges. These courses may serve as preparation for AP Studio Art.
*Prerequisites: Completion of Art II or higher. Teacher recommendation required.

AP Art and Design (Elective) - One Year
Drawing – 0104300, 2D – 0109350, 2D Innovation – 0109355, 3D - 0109360

AP Art and Design is a yearlong college-level course that allows students to focus on in-depth, inquiry-based art and design making; on skillful synthesis of materials, processes, skill building, composition, and ideas; and on articulating information about their work. Each portfolio category has a specific rubric that will inform and guide the types of art work the student produces. Students will digitally submit 15 images and writings that document their inquiry-guided investigations. These investigations must include specific documentation of the specific practice, experimentation and revision. Additionally, the portfolios require students to submit an array of five actual works of art, design and writing to demonstrate their skillful syntheses of materials, processes and ideas. All students will maintain an artist’s journal, participate in class and individualized critiques, and professionally mat and display their work.
*Prerequisites: Portfolio review and prior intermediate Art course(s) required. For juniors and seniors only. Students are required to take the Advanced Placement exam at the end of the year. Teacher recommendation required.

AP Music Theory* (Elective) - 1300330 - One Year

AP Music Theory is a yearlong college-level course that develops a student’s ability to recognize, understand and describe music. This class consists of two sections: theory of music and aural study and analysis. The theory of music will explore the techniques
of composition used in the Common Practice Period (approximately 1600-1900). Aural study will include identifying and transcribing music based solely on aural stimuli. Students will work inside and outside the classroom and will receive regular homework. A background in music (band, orchestra, chorus, piano, etc.) is required.

*Prerequisites: Intro to Music Theory and teacher interview and recommendation required. Grades 10-12 only. Students are required to take the Advanced Placement exam at the end of the year.

Art I, II, III H, IV H* (Elective) One Semester
I - 0101300, II - 0101310, III Honors - 0101320, IV Honors - 0101350

These semester Art courses offer students opportunities for in-depth study of the basic elements and principles of art while learning an interesting array of techniques including drawing and painting. Students are required to maintain a sketchbook which journals each of their assignments and a portfolio of their unique art works. Each course level must be taken in sequence. The curriculum for and complexity of each course is differentiated based on the level of the course and the students' experience.

*Art II and above requires completion of the prior Art course or teacher recommendation with portfolio review.

Ceramics I (Elective) - 0102305 One Semester

This course will guide students in the development of skills necessary for ceramic and pottery construction. Through classroom instruction, reasoning and critical thinking skills, and cooperative learning, students will produce functional and nonfunctional ceramic forms. The course will include, but not be limited to, ceramics and pottery, the safe use of tools and materials and techniques. Students will learn to use the ceramic medium as a form of artistic expression.

Ceramics II (Elective) - 0102310 One Semester

Ceramics II is a semester-long course designed for those wishing for a more prolonged study and experimentation with ceramics.

*Prerequisite: Completion of Ceramics I with the instructor’s approval.

Ceramics with a Twist (Elective) – 0102300 One Semester

*Summer only

This ceramics course introduces students to fundamental methods of forming clay with a little added twist. Students will learn the basic techniques for hand-building, sculpting and carving. Craftsmanship, creativity, and an appreciation for the elements that are inherent to well-made functional pottery are emphasized in this class. Students will learn how to finish their pieces with glaze and firing techniques. The terminology and definitions of materials and processes, as well as ceramic art history, will be presented. This course will also introduce students to the fundamental methods behind creating Linoleum Block Relief prints. Students will learn technical principles and procedures for designing, planning, and producing multiples of their original art works
onto a variety of surfaces, including papers and ceramic clay. Students will be
introduced to the terminology, materials, and processes, involved in relief printing. For
inspiration, we will examine examples of traditional and contemporary relief print art.

**Chorus I, II, III H, IV (Elective)**

I - 1303300, II - 1303310, III Honors - 1303340, IV Honors - 1303350

All levels of Chorus will provide the students with the opportunity to improve their voices
as they learn proper singing technique as well as music literacy. Students will learn how
to read music and will improve their sight reading skills. They will participate in a variety
of performances including formal concerts and off campus performances. The group will
also participate in adjudicated festivals. Advanced students will have the opportunity to
audition for the Florida All State Chorus. Chorus Honors may be taken in the third full
year of participation, and requirements will be established on an individual basis with
the director.

**Computer Art: Electronic Imaging (Elective) - 0108370**

One Semester

Now, more than ever, image editing skills are powerful tools useful for presentations,
website editing, art projects, graphic production, video enhancement, and photo
refinement. Experience with image editing gives you the tools and skills for advanced
graphics production. This semester course fulfills the expanding need for image editing
skills by utilizing Photoshop software. This course is designed for those who have little
or no experience with Adobe Photoshop and for those who want a thorough
understanding about tools and techniques used by both photographers and graphic
designers.

**Dance Techniques I (Elective) - 0300310**

One Semester

This general dance class provides students with the foundational skills, knowledge, and
experience to perform different forms of dance, including but not limited to ballet, jazz,
hip-hop and contemporary. Throughout the semester, the course will focus on dance
terminology, technique, choreography and performance skills. Dancers will also learn to
find confidence through movement. Students of all levels welcome.

*Students may select to enroll for a semester or a full year.*

**Dance Techniques II* (Elective) - 0300320**

III Honors - 0300330, IV Honors - 0300334

One Semester

This dance class is geared towards students that already have a strong foundation in
dance technique and performance, who are looking to further perfect their skills. This
class will focus on alignment, strength and flexibility. The class will cover all genres of
dance including ballet, jazz, hip hop and contemporary. Throughout the semester, the
course will also focus on dance history and terminology. Students with two or more
years of experience preferred.

*Students may select to enroll for a semester or a full year.*
Digital Storytelling I* (Elective) - 0107410
One Semester

This course is designed to provide an introduction to the creation of informational, promotional, and social media. Students will learn how to use digital media to “tell stories” that effectively communicate content. This happens at the intersection of art and technology: understanding the process of computers and the internet in this media driven world. Skills gained in the class will be useful for careers such as: digital journalism, business communications, and other media outlets. One main responsibility of this class will be the creation of the morning announcements. This course will require time outside the classroom to capture the media used in story creation.

*This course can be used to fulfill a Fine Arts or Computer Science requirement.

*Students may select to enroll for a semester or a full year.

Digital Storytelling II, III H, IV H* (Elective) – II - 0107420
III Honors- 0107430, IV Honors - 0107460

One Semester

This course is designed to provide a further exploration of possible career opportunities in the creation of informational, promotional, and social media. Students in this course will continue to refine their skills creating content for the morning announcements. In addition, this course will provide opportunities to work with online video streaming, creation of advertising for Lake Highland, and assisting teachers with media content for their respective courses. This course will require time outside the classroom to capture the media used in story creation, for online event production, and other after school activities.

*Prerequisites: Completion of prior Digital Storytelling course and teacher recommendation.

*This course can be used to fulfill a Fine Arts or Computer Science requirement.

*Students may select to enroll for a semester or a full year.

Digital Video Production I (Elective) - 8772410
One Semester

This media arts course introduces the student to the basic skills of video production including script development, storyboarding, location and resource planning, camera work, special effects, scene transitions, editing, titling and the addition of audio tracks. The students produce multiple short subjects to demonstrate their acquired skills. This course is designed for students interested in the creative and narrative aspect of the film and television industry.

Digital Video Production II* (Elective) - 8772420
One Semester

In this second-level media arts course, students use the skills acquired in Video Production I to complete longer, more complicated video productions. Students are introduced to more advanced video techniques and effects. This course is designed for students interested in the creative and narrative aspect of the film and television industry.

*Prerequisite: Teacher approval required.

*Students may select to enroll for a semester or a full year.
Digital Video Production III Honors* (Elective) - 8772430 One Year

This third-level media arts course will explore technical and aesthetic aspects of single camera film style video production. Each student will develop and refine their artistic vision. Students will become familiar with diverse critical approaches, learn advanced script writing skills and refine their production skills. Students will be introduced to film history and a study of film genres. Students will submit their work to film and video festivals, production competitions and arts festivals. This course is designed for students interested in the creative and narrative aspect of the film and television industry.

*Prerequisites: Previous video production courses and teacher approval required.

Digital Video Production IV Honors* (Elective) - 8772440 One Year

This fourth-level media arts course will continue to explore technical and aesthetic aspects of single camera film style video production while advancing to an analysis, evaluative and critiquing level. Each student will continue to develop and refine their artistic vision while working on video projects. Video projects will also strengthen organizational tools such as, but not limited to, brainstorming, spreadsheets, storyboards, outlining, charts, tables, timelines, etc. Students will submit their work to film and video festivals, and continue to build a personal portfolio. Off-campus studio work will be an integral part of this level IV course. Collaborative and team skills, proficiency in equipment use, adherence to copyright law and ethical issues pertinent to digital media production will be refined. This course is designed for students interested in the creative and narrative aspect of the film and television industry.

*Prerequisites: Previous video production courses and teacher approval required.

Drama I – (Elective) - 0400310 One Semester

Vocal and physical performance skills will be exercised and developed through theatre games, playwriting and scene work. In addition, course work includes how to build a character, the basics of script analysis and theatre terminology. Collaboration and ensemble work provide the basis of the class.

Drama II* (Elective) - 0400320, III Honors- 0400330H, IV Honors– 0400340H One Semester

This class series offers students experience in play reading and analysis, acting, directing and playwriting through improvisation and scripted work. In the fall semester, students will participate in a class one-act and work as mentors for the MS Drama class on their fall semester Junior Thespian events. In the spring semester, students will write and produce US Drama's annual Mystery Dessert Theatre. Additional hours beyond class time will be required. Drama III and IV Honors requirements will be established on an individual basis with the director.

*Prerequisites: LHP Drama I or teacher approval required. Students may select to enroll for a semester or a full year.
Introduction to Recording Studio (Elective) - 1301400  One Semester

Are you curious how a song makes it to the airwaves? This is your chance to have hands on experience using the latest technologies in the recording industry. This course will focus on the basics of the recording process which include studio set-up, microphone education and hands on mixing using analog and digital input. These are just a few of the areas this class will explore during the semester. An ear for music and a love for technology are important. Vocal or instrumental ability is not required, but highly recommended. Space is limited.

Jazz Ensemble (Elective) - 1302500  One Year

Upper School students who endeavor to play funk, rock, swing, and tunes from the great American book are encouraged to perform with the Hour of Darkness Jazz Ensemble. Celebrating “America’s music” to its fullest extent, the Jazz Ensemble serves as a performing group with the purpose of imparting pop and commercial music skills to instrumentalists. Current participation in an LHPS instrumental ensemble is required for this class, but this prerequisite can be waived at the discretion of the instructor, especially for instruments not normally present in concert band programs (e.g., string bass, electric bass, electric guitar, piano, vocals, etc.). Participation in this ensemble is subject to director approval, however all interested Upper School students who want to play high, loud, and fast are highly encouraged to register. *This course will be offered for credit during PRIME time.

Musical Theatre (Elective) – 0400700  One Semester

Students explore the vast history and content of the musical theatre canon and gain a knowledge and appreciation for the techniques required to become a triple-threat. Students learn basic techniques in acting, singing, and dancing, culminating in a showcase of these learned techniques at the end of the semester.

Photography I (Elective) - 0108310  One Semester

This semester course is designed to teach students a basic understanding of the principles and processes of digital photography. Basic areas of study include an overview of the levels of photography, advanced camera operation, importance of framing compositions, and aesthetic quality. Students must provide their own DSLR camera with manual mode.

Photography II & III H * (Elective) – II - 0108320, III Honors- 0108330  One Semester

These Photography courses are designed to give students an advanced understanding of the principles of digital photography. These courses are recommended for self-motivated students who can work in a disciplined, serious, independent manner. Students will develop a portfolio of art which emphasizes great composition, strong aesthetic awareness, and student voice. Students will be instructed about Photoshop to adjust their photographs as needed. Point and shoot cameras will not be
allowed. Students must provide their own DSLR camera with manual mode.

*Prerequisite: Completion of prior Photography course.

Playwriting and Devising (Elective) - 1009350 One Semester

Devising theatre includes the process of collaborating and integrating various views around a theme or topic and creating an artistic product. Developing skills of ensemble building, storytelling, music, art, poetry, movement, voice and creative problem solving, the class will share their devised performance piece at the end of the semester. Additionally, a devised Ten-Minute Play will be created and performed with LS drama students to provide US students the opportunity to guide and mentor LS students in this fascinating and creative process. In the playwriting portion of the class, students will explore scene structure, action, moments, voice and dialogue. The emphasis during the entire semester is on process, risk-taking, and collaboration, as well as finding one’s own voice.

*Prerequisite: Drama 1 or teacher recommendation.

Shakespeare I Honors* (Elective) – 1005340 II Honors – 1020830 One Semester

This semester course will investigate four Shakespeare plays (comedy, history, tragedy), which are not taught as a part of the regular LHPS curriculum. The background of the Elizabethan age and theater will also be discussed. Students will read and then analyze the plays through class discussion, interpretive papers, creative projects and performance. Ongoing correspondence with the Globe Theatre’s “Adopt an Actor” program and the analysis of live performances are other components of this offering. This is a weighted course and will require a significant amount of writing and independent reading. Shakespeare II Honors differs from Shakespeare I Honors in the works studied,

*May be taken out of sequence.

Stagecraft I* (Elective) - 0400410 One Semester

This class will allow hands-on experience in learning the backstage elements of play production. The Harriett Coleman Performing Arts Center will be the classroom for students to learn the methods of set design, stage lighting and scenery construction. Students will create and build the scenery and work the technical elements of lighting and sound for the Lake Highland theatrical productions. Additional hours are required both after school and on weekends.

*Stagecraft I is open to students in grades 10 -12 and is offered in the fall semester only. Students may be able to move on to Stagecraft II with approval of the instructor.

Stagecraft II, III H, IV H* (Elective) – II - 0400420, III Honors - 0400430, IV Honors - 0400440 One Semester

This class will allow hands-on experience in learning the backstage elements of play production. The Harriett Coleman Performing Arts Center will be the classroom for
students to learn the methods of set design, stage lighting and scenery construction. Students will create and build the scenery and work the technical elements of lighting and sound for the Lake Highland theatrical productions. Additional hours are required both after school and on weekends. Stagecraft II-IV is open to grades 10-12 and requires teacher approval.

*Prerequisite: Stagecraft I. Students may elect to enroll for a semester or a full year.

Symphonic Band I, II, III H, IV H (Elective)  One Year
I - 1302300, II - 1302310, III Honors – 1302340, IV Honors - 1302350

Symphonic Band is a performing ensemble that emphasizes creativity, leadership, and advancing musicianship through performance in band. This ensemble is open to all students who play a woodwind, brass, or percussion instrument. Students with fewer than two years of experience may be admitted with the permission of the director of bands. As this course is for a performing ensemble, occasional after-school rehearsals and performances are required.

*Students who are enrolled in Symphonic Band and choose to participate with the Marching Highlanders will be eligible for a Physical Education waiver.

Symphony Orchestra I, II, III H, IV H (Elective)  One Year
I - 1302360, II -1302370, III Honors – 1302400, IV Honors - 1302410

This daily performance ensemble class is open to 9th-12th grade string students who have at least two years of instrumental experience. Students with fewer than two years’ experience may be admitted with the permission of the orchestra director. The purpose of this class is to continue to build a musical performance foundation including good sound production, musical literacy, and solo and ensemble performance skills. Symphony Orchestra students are highly encouraged to take private instrumental instruction but are not required. Students will have the opportunity to represent the school at the Florida Orchestra Association Solo and Ensemble and concert MPA (Music Performance Assessment) contests. The Symphony Orchestra will also have opportunities to perform at various music festivals throughout the year both on-campus and in the community. Instruments offered at this level are violin, viola, cello and double bass. Requirements include written and library work, participation in solo and ensemble, and running of daily warm-ups.

Theatre Management * (Elective) – 0400500  One Semester

Students will examine the practices and theories fundamental to theatre management and arts administration, focusing on administrative operations and economic aspects of theatre, in particular. Within this framework, students will explore the concepts, principles, and techniques used to organize, manage, and promote theatrical productions and concerts in educational and commercial settings. Students will be expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

*This course will be offered for credit during PRIME time.
Physical Education

Athletics * (Elective) - 1503350  One Semester

This course is provided for Varsity athletes who will begin their sport season during the semester in which they are registered. This course is designed to allow teams to begin pre-season conditioning, start practice, and travel to games without the loss of class time. A student must be a returning Varsity athlete or a prospective Varsity athlete to register for Athletics and must have the required approval form completed. This course is only offered for in-season sports that have a member of the coaching staff available to supervise. *This course is offered as Pass/Fail.

* Athletics will be offered for credit during PRIME time.

Personal Fitness (Elective) – 1501300  One Semester

This course will provide students with the opportunities to develop an individual optimum level of fitness. The content will include, but not be limited to, physical fitness concepts, the significance of lifestyle in one’s health and fitness, assessment of the health related components of physical fitness, health problems associated with inadequate fitness levels, sound nutritional practices consumer issues related to physical fitness and alcohol and drug education. *This course is offered as Pass/Fail.

Sports Performance (Elective) – 1502410  One Semester

Students in this course will work through eight core modules including Cardiorespiratory Response to Exercise, Musculoskeletal Response to Exercise, Nutrition for Performance, Stress/Injury Response of the Human Body, Training for Endurance, Components of Fitness and Overtraining, Strength Training and Performance off of the field, and The Athletes’ Advantage. Students will examine information through lecture, demonstration, and class discussions. *This course is offered as Pass/Fail.

Weight Training I, II, III, IV (Elective) -  One Semester
I - 1501340, II - 1501350, III - 1501360, IV - 1501370

The purpose of this course is to teach students the proper use of weight training equipment, the names and functions of the major muscle groups, the type of exercises most beneficial to each group, and the proper techniques of weight lifting. Topics and activities include, but are not limited to, identification, names and purpose of major muscle groups, exercises specifically designed for each muscle group, skill tests of strength, power, endurance, balance, flexibility and agility, weight lifting techniques and development of a personal program of fitness for each student. *This course is offered as Pass/Fail.
Yoga and Mindfulness (Elective) - 1501310

This course is designed to provide students with foundational yoga poses and alignment to enhance strength and increase flexibility and balance. No prior yoga experience needed for this class and all abilities are welcome. In addition, this course will also include mindfulness/meditation practices to reduce stress and regain balance, giving students the knowledge needed to embrace a healthy lifestyle. Meditation reduces stress and develops the capacity to respond skillfully to life’s challenges and joys. The content will include, but is not limited to a physical yoga practice, exploring what mindfulness is, why practice mindfulness and how to develop a practice of your own. This course is offered as Pass/Fail.
**Additional Electives**

**Debate I Honors:**
Lincoln-Douglas/Public Forum/Congress/Extemporaneous (Elective) - 1007330
One Year

This course is an intensive competition-level preparatory class that will provide a background for each of the four high school competitive speech and debate events. It will focus on all the conceptual and strategic attributes that will enable students to compete on a national level in high school debate including: research, case construction, rebuttal strategy, in-round storytelling, tutorials on basic philosophy and a number of critiqued practice rounds and speeches. Each quarter will feature one of the four major speech and debate events: LD/PF/Congress/EX. The process in which the debate team tackles each resolution from topic analysis through debate will be used in an informative and educational setting. LD/PF/Congress/EX is for all 8th grade students who have a serious interest in competitive debate and/or are considering joining the LHPS Speech and Debate Team in the Upper School.

**Debate II-V Honors* (Elective) – II H - 1007340, III H - 1007350, IV H – 1007360, V H – 1007370**
One Semester

This course is for current or recently accepted Lake Highland Speech and Debate Team members only. This course functions as an additional practice period for tournament preparation. Rising 8th graders may enroll in Debate II Honors upon proof of attendance at a comprehensive summer workshop or national debate camp and a recommendation from Mr. Clemens.

*Teachers recommendation required.*
*This course also has a full-year option.*
*This course will be offered for credit during PRIME time.*

**Freshman Seminar (Elective) - 0500500**
One Semester

All 9th graders are required to enroll in Freshman Seminar during the first semester of their freshman year. This course lays the foundation for a successful transition from Middle School to Upper School. The course is divided into three parts: Freshman Focus, Wellness Education, and Academic Writing. Students will rotate through these areas each week. Freshman Focus will highlight the essential elements of a successful transition to Upper School, including but not limited to school technology, community service, communication, study skills, emotional well-being, and college preparedness. Wellness Education will focus on students’ physical, social, and emotional health and will provide key information and strategies for how to live a healthy lifestyle. Academic Writing will prepare students for the rigorous expectations of high school and college writing and will focus on the essential elements of composition and research. This
course provides one semester of credit (0.5 credit).

**History of the Motion Picture** (Elective) - 1005350  
One Semester

From Thomas Edison to Tim Burton, this class will look at the development of movies and their impact on our society. From the earliest footage of the First World War to the high-tech excitement of a Steven Spielberg epic, the motion picture has influenced our lives. From fashion to historic events, we have allowed Hollywood and other motion picture producers to sway our tastes and perspectives. Class members will discuss the symbolism and cultural mores that have developed since the advent of the motion picture. Films will include the silent classic *Metropolis*, the films of Alfred Hitchcock and Orson Welles, the impact of the realism of James Dean and Marlon Brando and modern classics such as the Indiana Jones trilogy and *The Matrix.*  
*For juniors and seniors only. This course cannot be used to meet credit requirements for Bright Futures.*

**KILT** (Key Instructional Leadership Team) (Elective) - 0007777  
One Semester

KILT has been created to address the needs of Lake Highland seniors in search of a challenging and rewarding service opportunity. KILT will empower seniors by developing independence, confidence, and self-advocacy. This program will provide a service prospect by developing teaching assistants who will work with mentor teachers in Upper School classrooms. Members of KILT will be given the opportunity to foster leadership skills, conscientiousness, a sense of community, and to delve in-depth in intellectual interests in a specific academic subject area. KILT members will be involved in many aspects of the classroom, including, but not limited to: providing teacher instructional support, mentoring younger students, assisting in labs, providing tutoring and facilitating small group activities, to name a few. The primary goal of KILT will be to enhance the classroom experience for students and faculty alike. They will foster interaction with adult professionals and act as role models for younger students all while demonstrating and validating competence and ability in a given subject area. Members of KILT will strengthen social, professional and academic skills, while giving back to the school community. This course provides no credit.  
*Prerequisites: By application only and contingent upon approval from the teacher, KILT advisers and administration. Seniors only.*

**Leadership Academy** (Elective) - 2400300  
One Semester

This course will be an extension of the Leadership Academy at Outdoor Odyssey experience. Students will continue to strengthen their leadership skills through service, personal reflection, leadership case studies, character assessment exercises, and practical application of these skills while building mentor relationships. The class will afford these student leaders the opportunity to mentor our 6th grade students, as well as students at a public elementary school, throughout the year. In addition, students will help develop leadership activities designed to build supportive relationships and promote a culture of accountability and personal responsibility with the Lake Highland community. This course provides one semester of credit (0.5 credit) and is Pass/Fail.
*Prerequisite: Successful completion of the Leadership Academy at Outdoor Odyssey experience over the summer prior to the junior or senior year.

Study Hall (Non-graded) (Elective) - 000949  
One Semester

Study Hall is offered for students who desire time during the school day to study, review and work on school assignments. This course provides no credit and is not supervised.
Global Online Academy

GOA students are modern learners.

The mission of Global Online Academy (GOA) is to reimagine learning to enable students to thrive in a globally networked society. GOA provides a positive, interactive, and academically rigorous environment for students to learn. We offer courses that connect students to topics they care about, and we offer a network that connects those students to peers as passionate as they are.

As GOA learners, our students also develop a specific set of skills, skills that might not be exercised as often in a bricks and mortar environment. Based on our research, student surveys, and feedback from our faculty, we have identified six core competencies that students develop in practical, hands-on ways, no matter which GOA course they take:

1. Collaborate with peers who are not sitting with them on campus.
2. Communicate and empathize with people living in areas of the world that are culturally different from their own.
3. Leverage their curiosity to curate and create content that is relevant to real-world issues.
4. Reflect on and take responsibility for their learning and that of others in an open forum.
5. Organize their time and tasks to become independent learners.
6. Interpret assignments and express themselves using a variety of learning tools.

To build these skills, GOA courses are…

- **Globally connected**: Even though our courses are online, students get to know their teacher and classmates. Each of our classes has no more than 20 students from many different schools, led by an expert teacher from one of our member schools. Students log in multiple times a week to engage in discussions, collaborate on projects, and share ideas. They learn how to use technology to build relationships.

- **Challenging**: GOA courses are designed to be as rigorous as any course at a home school. Students spend 5-7 hours a week their courses. GOA courses are mostly asynchronous: students do not show up on certain days at certain times. Instead, teachers publish a calendar of activities, and within that framework, students work on their own schedules, gaining critical independent learning skills along the way.

- **Relevant**: We want students to pursue their passions. Our courses offer practical, hands-on experience in how these ideas can be applied to the world outside of school. Students have voice and choice in the work they do and the ideas they explore.
Global Online Academy at LHPS

Global Online Academy (GOA) is a consortium of the world’s leading independent schools. By becoming a member school, Lake Highland has been able to expand curriculum offerings to include the courses listed in the following section. Because colleges continue to increase online course offerings, taking a GOA class will help prepare Highlanders for success in college.

The GOA experience connects you to a global network of people and resources. Students and teachers come from more than sixty of the best independent schools around the world. Just by taking a GOA class, you will meet and collaborate with people you might never otherwise know. GOA courses give you a chance to explore topics you care about in a way that feels relevant, creative, and interactive. Courses are designed so you have the opportunity to curate, create, and reflect on content that helps you understand course concepts in real-world contexts.

GOA courses will challenge you to become a more independent learner. You will have to become proactive about managing your schedule, asking for help when you need it, and overcoming obstacles and solving problems on your own. There are several attributes necessary to be successful in GOA courses. These include being organized, persistent, self-motivated and able to manage time well. Students considering GOA courses should have a track record over the past year of completing homework, classwork and projects on time. Students should currently be maintaining a B average or better in all LHPS course work. Only rising juniors and seniors may apply for GOA courses.

If a student is interested in a GOA course, he or she should select the course of interest during our course registration process. Our GOA Site Director, Jennifer D’Andrea, and/or the student’s counselor will then meet with the student to discuss and determine if the course is suitable for the student’s proposed course of study.

Global Online Academy Facts:
- GOA courses are challenging: Similar to a course at Lake Highland, you will spend 5-7 hours a week working on your course.
- GOA courses are interactive: You will log in multiple times a week to engage in discussions, collaborate on projects, and apply your knowledge in creative ways.
- GOA courses are communal: Classes are capped at 20 students so you can form strong relationships as you collaborate with both your teacher and peers.
- GOA courses have both synchronous and asynchronous components.
- GOA courses are taught by the faculty of GOA member schools.
- Students may not take more than one GOA Course per semester.
- **GOA courses can be an extra course in a student’s schedule, and not included as one of the six courses a student takes. Alternatively, GOA courses can be one of a student’s six periods.**
- GOA courses require the same time commitment and have similar workloads as
any other courses at LHPS.
- GOA courses will carry an Honors weight.
- Many GOA courses do not meet credit requirements for Bright Futures.
- To view a short video about the GOA experience, click here.
GOA Course Offerings

Unless otherwise noted, courses are one semester long. Some courses are cross-listed and will appear in multiple departments. Some courses are offered in multiple terms and appear more than once.

### ART, MEDIA, AND DESIGN

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>Creative Nonfiction Writing Honors</td>
<td>Architecture Honors</td>
</tr>
<tr>
<td>Data Visualization Honors</td>
<td>Computer Science II: Game Design and Development Honors</td>
</tr>
<tr>
<td>Filmmaking Honors</td>
<td>Digital Photography Honors</td>
</tr>
<tr>
<td>Graphic Design Honors</td>
<td>Fiction Writing Honors</td>
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<tr>
<td>Poetry Writing Honors</td>
<td>iOS App Design Honors</td>
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### MATHEMATICS AND TECHNOLOGY

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>Computer Science I: Computational Thinking Honors</td>
<td>Computer Science I: Computational Thinking Honors</td>
</tr>
<tr>
<td>Cyber Security Honors</td>
<td>Computer Science II: Game Design and Development Honors</td>
</tr>
<tr>
<td>Data Visualization Honors</td>
<td>Computer Science II: Java Honors</td>
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<tr>
<td>Game Theory Honors</td>
<td>Computer Science II: Python Honors</td>
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<tr>
<td>Linear Algebra Honors</td>
<td>Game Theory Honors</td>
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<tr>
<td>Number Theory Honors</td>
<td>iOS App Design Honors</td>
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<tr>
<td>Problem Solving with Engineering and Design Honors</td>
<td>Linear Algebra Honors</td>
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<td>Number Theory Honors</td>
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<tr>
<td><strong>Yearlong</strong></td>
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<tr>
<td>Multivariable Calculus Honors</td>
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**SCIENCE AND HEALTH**

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<thead>
<tr>
<th><strong>Semester 1</strong></th>
<th><strong>Semester 2</strong></th>
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</thead>
<tbody>
<tr>
<td>Abnormal Psychology Honors</td>
<td>Abnormal Psychology Honors</td>
</tr>
<tr>
<td>Bioethics Honors</td>
<td>Bioethics Honors</td>
</tr>
<tr>
<td>Global Health Honors</td>
<td>Introduction to Psychology Honors</td>
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<tr>
<td>Introduction to Psychology Honors</td>
<td>Medical Problem Solving I Honors</td>
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<tr>
<td>Medical Problem Solving I Honors</td>
<td>Medical Problem Solving II Honors</td>
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<tr>
<td>Neuropsychology Honors</td>
<td>Neuropsychology Honors</td>
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<tr>
<td>Positive Psychology Honors</td>
<td>Positive Psychology Honors</td>
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<td></td>
<td>Social Sciences</td>
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</tr>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 2</strong></td>
</tr>
<tr>
<td>Applying Philosophy to Global Issues Honors</td>
<td>9/11 in a Global Context Honors</td>
</tr>
<tr>
<td>Business Problem Solving Honors</td>
<td>Climate Change and Global Inequality Honors</td>
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<tr>
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<td>Entrepreneurship in a Global Context Honors</td>
</tr>
<tr>
<td>International Relations Honors</td>
<td>Macroeconomics Honors</td>
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<tr>
<td>Introduction to Investments Honors</td>
<td>Prisons and the Criminal Law Honors</td>
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<tr>
<td>Introduction to Legal Thinking Honors</td>
<td>Genocide and Human Rights Honors</td>
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<tr>
<td>Microeconomics Honors</td>
<td>International Relations Honors</td>
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<td>Personal Finance Honors</td>
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<td>Prisons and the Criminal Law Honors</td>
<td>Introduction to Legal Thinking Honors</td>
</tr>
<tr>
<td>Race &amp; Society Honors</td>
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</tbody>
</table>
WORLD LANGUAGES

Yearlong

Arabic Language Through Culture I, II and III Honors

Japanese Language Through Culture I, II and III Honors

SUMMER: JUNE 15-JULY 31, 2020
Summer@GOA offers some of our most popular courses in an intensive 7-week format. Students should expect to commit 10-15 hours/week for a summer version of GOA’s signature semester-length course.

<table>
<thead>
<tr>
<th>9/11 in a Global Context Honors</th>
<th>Genocide &amp; Human Rights Honors</th>
</tr>
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<td>Abnormal Psychology Honors</td>
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<td>Computer Science I: Computational Thinking Honors</td>
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<td>Computer Science II: Java Honors</td>
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<td>Fiction Writing Honors</td>
<td>Race &amp; Society Honors</td>
</tr>
</tbody>
</table>
Global Online Academy

Academic Calendar 2020-2021

SEMESTER 1

SEPTEMBER 2, 2020 – DECEMBER 18, 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 17, 2020</td>
<td>Semester 1 and Yearlong course welcome pages published for students</td>
</tr>
<tr>
<td>August 19-September 2</td>
<td>Synchronous teacher/student pre-course conversations for Semester 1 and Yearlong courses. These are important (ungraded) initial conversations between teachers and students.</td>
</tr>
<tr>
<td>Wednesday, September 2, 2020: Semester 1 and Yearlong Courses Open</td>
<td></td>
</tr>
<tr>
<td>September 11 (5pm PST)</td>
<td>Last day to ADD a Semester 1 or Yearlong GOA course (and drop with no financial penalty)</td>
</tr>
<tr>
<td>September 18 (5pm PST)</td>
<td>Last day to DROP a Semester 1 or Yearlong GOA course</td>
</tr>
<tr>
<td>October 23</td>
<td>End of Grading Period 1</td>
</tr>
<tr>
<td>Semester Break</td>
<td>Due to the diversity of GOA schools’ calendars, teachers in Semester 1 will be able to choose the week during which their class will be on break. They will make this choice the first week of the semester based on the schedules of the students on their roster and communicate that to students, Site Directors, and GOA.</td>
</tr>
<tr>
<td>December 4</td>
<td>Course Catalog for 2021-2022 will be published along with 2021-2022 Academic Calendar</td>
</tr>
<tr>
<td>December 18, 2020: Semester 1 Ends (end of Grading Period 2)</td>
<td></td>
</tr>
<tr>
<td>January 8, 2021</td>
<td>Semester 1 Grade Reports distributed</td>
</tr>
</tbody>
</table>
# SEMESTER 2
**JANUARY 13, 2021 - APRIL 30, 2021**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 11, 2020</td>
<td>Semester 2 course welcome pages published for students</td>
</tr>
<tr>
<td>January 4-13, 2021</td>
<td>Synchronous teacher/student conversations for Semester 2 courses. These are important (ungraded) initial conversations between teachers and students.</td>
</tr>
<tr>
<td><strong>Wednesday, January 13, 2021:</strong> Semester 2 Courses Open (Yearlong courses resume)</td>
<td></td>
</tr>
<tr>
<td>January 22</td>
<td>Last day to ADD a Semester 2 GOA Course (and drop with no financial penalty)</td>
</tr>
<tr>
<td>January 29</td>
<td>Last day to DROP a Semester 2 GOA Course</td>
</tr>
<tr>
<td>March 5</td>
<td>End of Grading Periods 1 (semester) and 3 (yearlong)</td>
</tr>
<tr>
<td><strong>Semester Break</strong></td>
<td>Due to the diversity of GOA schools' calendars, teachers in Semester 2 will be able to choose the week during which their class will be on break. They will make this choice the first week of the semester based on the schedules of the students on their roster and communicate that to students, Site Directors, and GOA.</td>
</tr>
<tr>
<td>March 31</td>
<td>Enrollment Opens at 00:00 UTC (8pm Eastern Time on March 30)</td>
</tr>
<tr>
<td>April 22-26</td>
<td>Catalyst Conference</td>
</tr>
<tr>
<td><strong>Friday, April 30, 2021:</strong> Semester 2 Ends (end of Grading Periods 2 [semester] and 4 [yearlong])</td>
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</tr>
<tr>
<td>May 14, 2021</td>
<td>Semester 2 and Yearlong Grade Reports distributed</td>
</tr>
</tbody>
</table>
# Global Online Academy
## NCAA Course Approvals

The below GOA courses are NCAA-approved for 2020-2021.

<table>
<thead>
<tr>
<th>Course</th>
<th>Fiction Writing Honors</th>
<th>Medical Problem Solving I Honors</th>
<th>Problem Solving with Engineering and Design Honors</th>
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GOA Course Descriptions

9/11 IN A GLOBAL CONTEXT HONORS: (Social Studies) - G000760

The tragedy of September 11, 2001 changed the world in profound ways. In this course, students explore the causes of 9/11, the events of the day itself, and its aftermath locally, nationally, and around the world. In place of a standard chronological framework, students instead view these events through a series of separate lenses. Each lens represents a different way to view the attacks and allows students to understand 9/11 as an event with complex and interrelated causes and outcomes. Using a variety of technologies and activities, students work individually and with peers to evaluate each lens. Students then analyze the post-9/11 period and explore how this event affected the U.S., the Middle East, and the wider world.

ABNORMAL PSYCHOLOGY HONORS: (Social Studies) - G000660

This course focuses on psychiatric disorders such as schizophrenia, eating disorders, anxiety disorders, substance abuse, and depression. As students examine these and other disorders, they learn about their symptoms, diagnoses, and treatments. Students also deepen their understanding of the social stigmas associated with mental illnesses. This course may be taken as a continuation of Introduction to Psychology, although doing so is not required.

ADVOCACY HONORS: (Elective) - G000785

This skills-based course explores the creativity, effort, and diversity of techniques required to change people’s minds and motivate them to act. Students learn how to craft persuasive arguments in a variety of formats (written, oral, and multimedia) by developing a campaign for change around an issue about which they care deeply. We explore a number of relevant case studies and examples as we craft our campaigns. Units include persuasive writing, social media, public speaking, informational graphics, and more. The culminating project is a multimedia presentation delivered and recorded before a live audience.

APPLYING PHILOSOPHY TO MODERN GLOBAL ISSUES HONORS: (Social Studies) - G000765

This is an applied philosophy course that connects pressing contemporary issues with broad-range philosophical ideas and controversies, drawn from multiple traditions and many centuries. Students use ideas from influential philosophers to examine how thinkers have applied reason successfully, and unsuccessfully, to many social and political issues across the world. In addition to introducing students to the work of philosophers as diverse as Confucius, Immanuel Kant, John Rawls and Michel Foucault, this course also aims to be richly interdisciplinary, incorporating models and methods from diverse fields including history, journalism, literary criticism, and media
students. Students learn to develop their own philosophy and then apply it to the ideological debates which surround efforts to improve their local and global communities.

ARABIC LANGUAGE THROUGH CULTURE HONORS OVERVIEW

This unique, mixed-level course is designed to help motivated students develop interpersonal communication skills in Arabic as well as build the skills required to be a successful 21st century language learners. This course has an explicit focus on Levantine dialect and the cultures of the Middle East and North African (MENA). Students in levels I to III share the same communal classroom and collaborate with their teachers to assess their proficiency level and begin at the appropriate unit. Coursework includes English-language culture units as well as a series of language learning units. Language units consist primarily of asynchronous learning experiences and synchronous conversations with instructors, peers from all levels, and discussion partners at King’s Academy in Jordan. In addition to building their speaking and writing skills, students learn to leverage a modern understanding of language acquisition, how to align goals with practice, how to ask questions, how to curate resources from the internet and an extended network of Arabic speakers. Proficiency targets are based on the 2017 NCSSFL-ACTFL Can-Do Statements.

ARABIC LANGUAGE THROUGH CULTURE I HONORS: (Elective) - G0710300

Through study of Levantine (Jordanian) Arabic and the Arabic writing system, students develop Novice proficiency in interpersonal communication. Students will be able to communicate in spontaneous spoken conversations on very familiar and everyday topics, including personal introductions, families, daily routines, and preferences, using a variety of practiced or memorized words, phrases, simple sentences, and questions.

ARABIC LANGUAGE THROUGH CULTURE II HONORS: (Elective) – G0710310

Arabic II students have one year of Arabic Language Through Culture or have demonstrated Novice proficiency through summer coursework or other experiences. Students will communicate in spontaneous spoken conversations on familiar topics, including food, weather, and hobbies, using a variety of practiced or memorized words, phrases, simple sentences, and questions.

ARABIC LANGUAGE THROUGH CULTURE III HONORS: (Elective) – G0710320

Students in Arabic III have demonstrated Intermediate interpersonal proficiency in Arabic (MSA or a dialect) through two years in Arabic Language Through Culture or other coursework, and have demonstrated an ability to work online independently and reliably with instructors and peers in Arabic Language Through Culture or another GOA class. Students in Arabic III will have opportunities to direct their own study through choice of material and topic. They will use Arabic to interact with native speakers on topics of their choosing, and to explore topics of interest through a variety of media (written works, audio, video, face-to-face interviews).
ARCHITECTURE HONORS: (Fine Arts) - G000630

In this course, students build an understanding of and apply skills in various aspects of architectural design. While gaining key insights into the roles of architectural analysis, materials, 3D design, and spatial awareness, students develop proficiency in architectural visual communication. We begin by learning the basic elements of architectural design to help analyze and understand architectural solutions. Through digital and physical media, students develop an understanding of the impact building materials have on design. At each stage of the course, students interact with peers from around the globe, learning and sharing how changes in materials, technology, and construction techniques lead to the evolution of contemporary architectural style and visual culture. The course culminates with a final project in which each aspiring architect will have the opportunity to work towards a personal presentation for the GOA Catalyst Conference. Students will, through a variety of outcomes, present an architectural intervention that they have proposed as a solution to an identified need, one emanating from or focused within their own community. Throughout the course, students will refer to the design process and will use journaling techniques to track, reflect, and evidence their understanding of architecture.

BIOETHICS HONORS: (Science/Social Studies) - G000665

Ethics is the study of what one should do as an individual and as a member of society. Bioethics refers to the subset of this field that focuses on medicine, public health, and the life sciences. In this course, students explore contemporary, pressing issues in bioethics, including the "right to die, policies around vaccination and organ transplantation, competence to consent to care, human experimentation and animal research, and genetic technologies. Through reading, writing, research, and discussion, students will explore the fundamental concepts and questions in bioethics, deepen their understanding of biological concepts, strengthen their critical-reasoning skills, and learn to engage in respectful dialogue with people whose views may differ from their own. The course culminates with a student-driven exploration into a particular bioethical issue, recognizing the unique role that bioethics plays within the field of ethics.

BUSINESS PROBLEM SOLVING HONORS: (Social Studies) - G8215120

How could climate change disrupt your production and supply chains or impact your consumer markets? Will tariffs help or hurt your business? How embedded is social media in your marketing plan? Is your company vulnerable to cybercrime? What 21st century skills are you cultivating in your leadership team? Students in this course will tackle real-world problems facing businesses large and small in today’s fast changing global marketplace where radical reinvention is on the minds of many business leaders. Students will work collaboratively and independently on case studies, exploring business issues through varied lenses including operations, marketing, human capital, finance and risk management as well as sustainability. As they are introduced to the concepts and practices of business, students will identify, analyze and propose solutions to business problems, engaging in research of traditional and emerging industries, from established multinationals to startups.
CHINESE LANGUAGE THROUGH CULTURE I: (Elective) – G0711300

Through this introduction to Mandarin Chinese language and culture, students will learn the building blocks of spoken and written communication- pronunciation, tones, stroke order and radical recognition. Students will carry out basic interactions in Chinese orally and in writing. Interpersonal communication and functional vocabulary acquisition will lay the foundations for a more in-depth study of Chinese writing and grammar. Vocabulary is practiced in a thematic and communicative way and will leave students prepared to exchange introductory greetings, as well as to discuss family, dates and time, hobbies, visiting friends, making plans among other topics. Students will also study cultural and historic elements of the Chinese-speaking world. Audio and video materials, computer software, games, projects, and presentations foster student interaction and participation. By the end of the first year, students will have achieved Novice level proficiency.

CLIMATE CHANGE AND GLOBAL INEQUALITY HONORS: (Social Studies) - G000807

Nowhere is the face of global inequality more obvious than in climate change, where stories of climate-driven tragedies and the populations hit hardest by these disasters surface in every news cycle. In this course, students will interrogate the causes and effects of climate change, and the public policy debates surrounding it. In case studies, we will research global, regional, and local policies and practices along with the choices of decision makers and what they mean to the populations they serve. Who benefits, who suffers, and how might we change this equation? Following the Learning Studio model, in the second half of the course, students will work with their teacher to design their own independent projects reflecting their individual interests and passions. We will collaborate in workshops with classmates to deepen our collective understanding of the complex issues surrounding climate change. Throughout the semester, we will also build and curate a library of resources and share findings in varied media, engaging as both consumers and activists to increase knowledge and advocate for sustainable norms. Finally, students will have the opportunity to reach a global audience by participating in GOA’s Catalyst Conference in the spring 2019, as they present their individual projects to spark change in local communities through well-informed activism.

COMPUTER SCIENCE I: COMPUTATIONAL THINKING HONORS: (Computer Science) - G000725

This course (or its equivalent) is a prerequisite to all Computer Science II classes at GOA. Computational thinking centers on solving problems, designing systems, and understanding human behavior. It has applications not only in computer science, but also myriad other fields of study. This introductory level course focuses on thinking like a computer scientist, especially understanding how computer scientists define and solve problems. Students begin the course by developing an understanding of what computer science is, how it can be used by people who are not programmers, and why it’s a useful skill for all people to cultivate. Within this context, students are exposed to the
power and limits of computational thinking. Students are introduced to entry level programming constructs that will help them apply their knowledge of computational thinking in practical ways. They will learn how to read code and pseudocode as well as begin to develop strategies for debugging programs. By developing computational thinking and programming skills, students will have the core knowledge to define and solve problems in future computer science courses. While this course would be beneficial for any student without formal training as a programmer or computer scientist, it is intended for those with no programming experience.

**COMPUTER SCIENCE II: GAME DESIGN AND DEVELOPMENT HONORS:**
*(Computer Science) - G000747*

In this course, students design and develop games through hands-on practice. Comprised of a series of "game jams," the course asks students to solve problems and create content, developing the design and technical skills necessary to build their own games. The first month of the course is dedicated to understanding game design through game designer Jesse Schell’s “lenses”: different ways of looking at the same problem and answering questions that provide direction and refinement of a game’s theme and structure. During this time, students also learn how to use Unity, a professional game development tool, and become familiar with the methodologies of constructing a game using such assets as graphics, sounds, and effects, and controlling events and behavior within the game using the C# programming language. Throughout the remainder of the course, students will work in teams to brainstorm and develop new games in response to a theme or challenge. Students will develop their skills in communication, project and time management, and creative problem-solving while focusing on different aspects of asset creation, design, and coding. **Prerequisites:** *Computer Science I: Computational Thinking or its equivalent.*

**COMPUTER SCIENCE II: JAVA HONORS:** *(Computer Science) - G000715*

This course teaches students how to write programs in the Java programming language. Java is the backbone of many web applications, especially eCommerce and government sites. It is also the foundational code of the Android operating system and many tools of the financial sector. Students learn the major syntactical elements of the Java language through object-oriented design. The emphasis in the course will be on creating intelligent systems through the fundamentals of Computer Science. Students will write working programs through short lab assignments and more extended projects that incorporate graphics and animation. **Prerequisite:** *Computer Science I: Computational Thinking or its equivalent.*

**COMPUTER SCIENCE II: PYTHON HONORS:** *(Computer Science) – G000745*

In this course, students utilize the Python programming language to read, analyze, and visualize data. The course emphasizes using real-world datasets, which are often large, messy, and inconsistent. Because of the powerful data structures and clear syntax of Python, it is one of the most widely used programming languages in scientific computing. Students explore the multitude of practical applications of Python in fields
like biology, engineering, and statistics. **Prerequisite: Computer Science I: Computational Thinking or its equivalent.**

**CREATIVE NONFICTION WRITING HONORS: (Elective) - G000605**

Tell your own stories and the stories of the world around you! This course centers on the art of shaping real experiences into powerful narratives while growing foundational writing skills. Participants will read, examine, and write diverse works of creative nonfiction including personal narratives, podcasts, opinion editorials, profile pieces, and more. Emphasizing process over product, this writing workshop provides opportunities to create in new ways. Students will practice essential craft elements (e.g., voice, style, structure) while reflecting on stories from their own lives, communities, and interests. They will also build a personalized library of inspiring mentor texts, consider opportunities for publication, and develop sustainable writing habits. Both in real-time video chats and online discussion spaces, students will support one another intentionally. Feedback is an essential component of this course, and students will gain experience in the workshop model, actively participating in a thriving, global writing community. Creative nonfiction has never been as popular as it is today; participants will experience its relevance in their own lives as they collaboratively explore this dynamic genre.

**CYBER SECURITY HONORS: (Computer Science) – G9001330**

Cyber criminals leverage technology and human behavior to attack our online security. This course explores the fundamentals of and vulnerabilities in the design of computers, networks, and the internet. Course content includes the basics of computer components, connectivity, virtualization, and hardening. Students will learn about network design, Domain Name Services, and TCP/IP. They will understand switching, routing and access control for internet devices, and how denial of service, spoofing and flood attacks work. Basic programming introduced in the course will inform hashing strategies, while an introduction to ciphers and cryptography will show how shared-key encryption works for HTTPS and TLS traffic. Students will also explore the fundamentals of data forensics and incident response protocols. The course includes analysis of current threats and best practice modelling for cyber defense, including password complexity, security, management, breach analysis, and hash cracking. Computational thinking and programming skills developed in this course will help students solve a variety of cyber security issues. **There is no computer science prerequisite for this course**, though students with some background will certainly find avenues to flex their knowledge in this course.

**DATA VISUALIZATION HONORS*: (Computer Science) – G9003440**

Through today's fog of overwhelming data, visualizations provide meaning. This course trains students to collect, organize, interpret, and communicate massive amounts of information. Students will begin wrangling data into spreadsheets, learning the basic ways professionals translate information into comprehensible formats. They will explore charts, distinguishing between effective and misleading visualizations. Employing
principles from information graphics, graphic design, visual art, and cognitive science, students will then create their own stunning and informative visualizations. From spreadsheets to graphics, students in this course will practice the crucial skills of using data to decide, inform, and convince. There is no computer science, math or statistics prerequisite for this course, though students with backgrounds in those areas will certainly find avenues to flex their knowledge in this course.

DIGITAL PHOTOGRAPHY HONORS: (Fine Arts) - G000610

In an era where everyone has become a photographer obsessed with documenting most aspects of life, we swim in a sea of images posted on Instagram, Facebook, Snapchat, Pinterest, and other digital media. To that end, why is learning how to to use a digital camera important and what does taking a powerful and persuasive photo with a 35mm digital single lens reflex (DSLR) camera require? Digital photography explores this question in a variety of ways, beginning with the technical aspects of using and taking advantage of a powerful camera and then moving to a host of creative questions and opportunities. Technical topics such as aperture, shutter, white balance, and resolution get ample coverage in the first half of the course, yet each is pursued with the goal of enabling students to leverage the possibilities that come with manual image capture. Once confident about technical basics, students apply their skills when pursuing creative questions such as how to understand and use light, how to consider composition, and how to take compelling portraits. Throughout the course, students tackle projects that enable sharing their local and diverse settings, ideally creating global perspectives through doing so. Additionally, students interact with each other often through critique sessions and collaborative exploration of the work of many noteworthy professional photographers whose images serve to inspire and suggest the diverse ways that photography tells visual stories. **Prerequisite:** Students must have daily access to a DSLR camera.

ENTREPRENEURSHIP IN A GLOBAL CONTEXT HONORS: (Social Studies) - G000815

How does an entrepreneur think? What skills must entrepreneurs possess to remain competitive and relevant? What are some of the strategies that entrepreneurs apply to solve problems? In this experiential course, students develop an understanding of entrepreneurship in today’s global market; employ innovation, design, and creative solutions for building a viable business model; and learn to develop, refine, and pitch a new startup. Units of study include Business Model Canvas, Customer Development vs. Design Thinking, Value Proposition, Customer Segments, Iterations & Pivots, Brand Strategy & Channels, and Funding Sources. Students use the Business Model Canvas as a roadmap to building and developing their own team startup, a process that requires hypothesis testing, customer research conducted in hometown markets, product design, product iterations, and entrepreneur interviews. An online startup pitch by the student team to an entrepreneurial advisory committee is the culminating assessment. Additional student work includes research, journaling, interviews, peer collaboration, and a case study involving real-world consulting work for a current business.

FICTION WRITING HONORS: (Elective) - G000635
This course connects students interested in creative writing (primarily short fiction) and provides a space for supportive and constructive feedback. Students gain experience in the workshop model, learning how to effectively critique and discuss one another's writing in an online environment. In addition to developing skills as readers within a workshop setting, students strive to develop their own writing identities through a variety of exercises. The course capitalizes on the geographic diversity of the students by eliciting stories that shed light on both the commonalities and differences of life experiences in different locations. Additionally, we read and discuss the work of authors from around the globe. Students’ essential responsibilities are twofold: to engage in the class as readers and writers and to focus on their development as readers and writers. Both require participation in discussions of various formats within our online community, as well as dedicated time outside of class reading and providing feedback on one another’s work and writing original pieces for the workshop.

FILMMAKING HONORS: (Fine Arts) - G000615

This course is for students interested in developing their skills as filmmakers and creative problem-solvers. It is also a forum for screening the work of their peers and providing constructive feedback for revisions and future projects, while helping them to develop critical thinking skills. The course works from a set of specific exercises based on self-directed research and builds to a series of short experimental films that challenge students on both a technical and creative level. Throughout, we will increasingly focus on helping students express their personal outlooks and develop their unique styles as filmmakers. We will review and reference short films online and discuss how students might find inspiration and apply what they find to their own works.

Prerequisites: Students must have access to an HD video camera, tripod or other stabilizing equipment, and editing software such as iMovie, Premiere Pro, etc.

GAME THEORY HONORS: (Computer Science) - G000755

Do you play games? Do you ever wonder if you’re using the “right” strategy? What makes one strategy better than another? In this course, we explore a branch of mathematics known as game theory, which answers these questions and many more. Game theory has many applications as we face dilemmas and conflicts every day, most of which we can treat as mathematical games. We consider significant global events from fields like diplomacy, political science, anthropology, philosophy, economics, and popular culture. Specific topics include two-person zero-sum games, two person non-zero-sum games, sequential games, multiplayer games, linear optimization, as well as voting and power theory.

GENOCIDE AND HUMAN RIGHTS HONORS: (Social Studies) - G000700

Students in this course study several of the major 20th century genocides (Armenian, the Holocaust, Cambodian, and Rwandan), analyze the role of the international community in responding to and preventing further genocide (with particular attention to the Nuremberg tribunals), and examine current human rights crises around the world.
Students read primary and secondary sources, participate in both synchronous and asynchronous discussions with classmates, write brief papers, read short novels, watch documentaries, and develop a human rights report card website about a nation of their choice.

GLOBAL HEALTH HONORS: (Science) - G000655

What makes people sick? What social and political factors lead to the health disparities we see both within our own communities and on a global scale? What are the biggest challenges in global health and how might they be met? Using an interdisciplinary approach to address these questions, this course improves students' health literacy through an examination of the most significant public-health challenges facing today's global population. Topics addressed include the biology of infectious disease, the statistics and quantitative measures associated with health issues, the social determinants of health, and the role of organizations (public and private) in shaping the landscape of global health policy. Throughout the course, students use illness as a lens through which to critically examine such social issues as poverty, gender, and race. Student work includes analytical writing, research and curating sources around particular topics, readings and discussions exploring a variety of sources, and online presentations, created both on their own and with peers.

GRAPHIC DESIGN HONORS: (Fine Arts) - G000620

What makes a message persuasive and compelling? What helps audiences and viewers sort and make sense of information? This course explores the relationship between information and influence from a graphic design perspective. Using an integrated case study and design-based approach, this course aims to deepen students' design, visual, and information literacies. Students are empowered to design and prototype communication projects about which they are passionate. Topics include: principles of design and visual communication, infographics, digital search skills, networks and social media, persuasion and storytelling with multimedia, and social activism on the internet. Student work will include individual and collaborative group projects, graphic design, content curation, analytical and creative writing, peer review and critiques, and online presentations.

INTERNATIONAL RELATIONS HONORS: (Social Studies) – G2106445

Are China and the U.S. on a collision course for war? Can the Israelis and Palestinians find a two-state solution in the holy land? Will North Korea launch a nuclear weapon? Can India and Pakistan share the subcontinent in peace? These questions dominate global headlines and our daily news feeds. In this course, you will go beyond the soundbites and menacing headlines to explore the context, causes, and consequences of the most pressing global issues of our time. Through case studies, you will explore the dynamics of international relations and the complex interplay of war and peace, conflict and cooperation, and security and human rights. Working with classmates from around the world, you will also identify and model ways to prevent, mediate, and resolve some of the most pressing global conflicts.
INTRODUCTION TO INVESTMENTS HONORS: (Social Studies) - G000717

In this course, students simulate the work of investors by working with the tools, theories, and decision-making practices that define smart investment. We explore concepts in finance and apply them to investment decisions in three primary contexts: portfolio management, venture capital, and social investing. After an introduction to theories about valuation and risk management, students simulate scenarios in which they must make decisions to grow an investment portfolio. They manage investments in stocks, bonds, and options to learn a range of strategies for increasing the value of their portfolios. In the second unit, students take the perspective of venture capital investors, analyzing startup companies and predicting their value before they become public. In the third unit, students examine case studies of investment funds that apply the tools of finance to power social change. Throughout the course, students learn from experts who have experience in identifying value and managing risk in global markets. They develop their own ideas about methods for taking calculated financial risks and leave this course not just with a simulated portfolio of investments, but the skills necessary to manage portfolios in the future.

INTRODUCTION TO LEGAL THINKING HONORS: (Social Studies) – G2106380

Inspired by GOA’s popular Medical Problem Solving series, this course uses a case-based approach to give students a practical look into the professional lives of lawyers and legal thinking. By studying and debating a series of real legal cases, students will sharpen their ability to think like lawyers who research, write and speak persuasively. The course will focus on problems that lawyers encounter in daily practice, and on the rules of professional conduct case law. In addition to practicing writing legal briefs, advising fictional clients and preparing opening and closing statements for trial, students will approach such questions as the law and equity, the concept of justice, jurisprudence and legal ethics.

INTRODUCTION TO PSYCHOLOGY HONORS: (Social Studies) - G000645

What does it mean to think like a psychologist? In Introduction to Psychology, students explore three central psychological perspectives – the behavioral, the cognitive, and the sociocultural – in order to develop a multi-faceted understanding of what thinking like a psychologist encompasses. The additional question of “How do psychologists put what they know into practice?” informs study of the research methods in psychology, the ethics surrounding them, and the application of those methods to practice. During the first five units of the course, students gather essential information that they apply during a group project on the unique characteristics of adolescent psychology. Students similarly envision a case study on depression, which enables application of understandings from the first five units. The course concludes with a unit on positive psychology, which features current positive psychology research on living mentally healthy lives. Throughout the course, students collaborate on a variety of activities and assessments, which often enable learning about each other’s unique perspectives while building their research and critical thinking skills in service of understanding the complex
field of psychology.

**iOS APP DESIGN HONORS: (Computer Science) - G000750**

Learn how to design and build apps for the iPhone and iPad and prepare to publish them in the App Store. Students will work much like a small startup: collaborating as a team, sharing designs, and learning to communicate with each other throughout the course. Students will learn the valuable skills of creativity, collaboration, and communication as they create something amazing, challenging, and worthwhile. Coding experience is NOT required and does not play a significant role in this course. **Prerequisite:** For this course, it is required that students have access to a computer running the most current Mac or Windows operating system. An iOS device that can run apps (iPod Touch, iPhone, or iPad) is also highly recommended.

**JAPANESE LANGUAGE THROUGH CULTURE I HONORS: (Elective) - G0712300**

This full-year course is a unique combination of Japanese culture and language, weaving cultural comparison with the study of basic Japanese language and grammar. While examining various cultural topics such as literature, art, lifestyle and economy, students learn the basics of the Japanese writing system (Hiragana and Katakana), grammar and vocabulary. Through varied synchronous and asynchronous assignments, including hands-on projects and face-to-face communications, students develop their speaking, listening, reading and writing skills. The cultural study and discussions are conducted in English, with topics alternating every two to three weeks. The ultimate goal of this course is to raise awareness and appreciation of different cultures through learning the basics of the Japanese language. The focus of this course is 60 percent on language and 40 percent on culture. This course is appropriate for beginner-level students.

**JAPANESE LANGUAGE THROUGH CULTURE II HONORS: (Elective) - G0712310**

Through language learning, students in this course share their voices, cultivate global perspectives, and foster appreciation of self and others. Students expand their knowledge of the basic skills introduced in Japanese Language Through Culture I while further developing their speaking, listening, writing, and reading skills. Each unit follows the IPA model (Integrated Performance Assessment), blending three modes of communication: interpretation of authentic material in Japanese, synchronous and asynchronous practice in speaking and writing, and oral and written presentations. Each unit focuses on one of the following cultural topics: Design and Expression, Ecology, Entertainment, East meets West, Harmony, and Nature. In addition, students will have the opportunity to select and pursue topics of their own interest. Grammar topics will cover the essential forms that are typically introduced in the second and third year of a high school Japanese program. By learning the Dictionary Form, Nominalizer, TE form, TA form, NAI form, and Noun Modifier, students are able to add more complexity to their sentence construction. In doing so, they shift from forming simple sentences to communicating in a coherent paragraph. As online learners, students are expected to
exhibit superb time management and communication skills, as well as to take ownership of their learning. While grammar instruction will be delivered through asynchronous work and face-to-face meetings, much of the course content will be curated and created by students through their research and collaboration. The focus of this course is 60 percent on language and 40 percent on culture. **Prerequisites: Japanese Language Through Culture I or permission from the instructor.**

**JAPANESE LANGUAGE THROUGH CULTURE III HONORS: (Elective) - G0712320**

Students in Japanese III have mastered most of the conjugation patterns (TE/TA form, dictionary form, and NAI form) that are necessary to speak and write in complex structures. While advancing their grammatical knowledge (including giving and receiving, potential form, and honorific form), students will compare and examine similar functions and their subtle differences. In speaking, students are allowed to speak in informal/casual style with each other and with the teacher in order to solidify their control of the Plain Form. Interpersonal communications will be done through face-to-face conversation and recorded messages. In reading and listening, students will curate, share, and practice with grasping the gist of authentic materials. Such material may include TV commercials, news, movies, children’s books, online newspapers, and cooking recipes. In writing, students will work on creative writing, expository writing, and analytical writing (compare-and-contrast in the AP format). Semester 1 will incorporate JLPT N5 exam material. Taking the exam is not necessary but encouraged. In Semester 2, students will participate in that GOA Catalyst Conference.

**LINEAR ALGEBRA HONORS: (Math) - G000735**

In this course students learn about the algebra of vector spaces and matrices by looking at how images of objects in the plane and space are transformed in computer graphics. We do some paper-and-pencil calculations early in the course, but the computer software package Geogebra (free) will be used to do most calculations after the opening weeks. No prior experience with this software or linear algebra is necessary. Following the introduction to core concepts and skills, students analyze social networks using linear algebraic techniques. Students will learn how to model social networks using matrices as well as discover things about the network with linear algebra as your tool. We will consider applications like Facebook and Google. **Prerequisite: Geometry and Algebra 2 or the equivalents.**

**MACROECONOMICS HONORS: (Social Studies) - G000780**

Macroeconomics is the study of economic units as a whole rather than of their individual components. The aggregate unit is usually a national economy and that will be our focus in this course. Students will learn to better understand how to measure national economic activity with concepts like gross domestic product, unemployment and inflation and the strengths and weaknesses of these statistics. Students will then study theoretical methods of influencing national economic activity with monetary and fiscal policy and will learn about some of the controversy surrounding these policy tools. The
advantages and disadvantages of international trade and of methods of setting exchange rates will also be introduced. The course will include an individual student investigation of a national economy other than their home country. Students will identify their economic findings and present resolutions in their final report.

MEDICAL PROBLEM SOLVING I HONORS: (Science) - G000650

In this course, students collaboratively solve medical mystery cases, similar to the approach used in many medical schools. Students enhance their critical thinking skills as they examine data, draw conclusions, diagnose, and treat patients. Students use problem-solving techniques in order to understand and appreciate relevant medical/biological facts as they confront the principles and practices of medicine. Students explore anatomy and physiology pertaining to medical scenarios and gain an understanding of the disease process, demographics of disease, and pharmacology. Additional learning experiences include studying current issues in health and medicine, building a community-service action plan, interviewing a patient, and creating a new mystery case.

MEDICAL PROBLEM SOLVING II HONORS: (Science) - G000675

Medical Problem Solving II is an extension of the problem-based approach in Medical Problem Solving I. While collaborative examination of medical case studies remain at the center of the course, MPSII approaches medical cases through the perspectives of global medicine, medical ethics, and social justice. The course examines cases not only from around the world but also in students’ local communities. Additionally, the course addresses the challenges patients face because of a lack of access to health care, often a result of systemic discrimination and inequity along with more general variability of health care resources in different parts of the world. All students in MPS II participate in the Catalyst Conference, a GOA-wide conference near the end of the semester where students from many GOA courses create and publish presentations on course-specific topics. For their projects, students use all of the lenses from the earlier parts of the course to choose and research a local topic of high interest. Further, their topics enable identifying a local medical problem, using local sources, and generating ideas for promoting change. Prerequisite: Medical Problem Solving I.

MICROECONOMICS HONORS: (Social Studies) - G000770

In this course, students learn about how consumers and producers interact to form a market and then how and why the government may intervene in that market. Students deepen their understanding of basic microeconomic theory through class discussion and debate, problem solving, and written reflection. Students visit a local production site and write a report using the market principals they have learned. Economic ways of thinking about the world will help them better understand their roles as consumers and workers, and someday, as voters and producers.

MULTIVARIABLE CALCULUS HONORS: (Math) - G000720
In this course, students learn to differentiate and integrate functions of several variables. We extend the Fundamental Theorem of Calculus to multiple dimensions and the course will culminate in Green's, Stokes' and Gauss' Theorems. The course opens with a unit on vectors, which introduces students to this critical component of advanced calculus. We then move on to study partial derivatives, double and triple integrals, and vector calculus in both two and three dimensions. Students are expected to develop fluency with vector and matrix operations. Understanding parametric curve as a trajectory described by a position vector is an essential concept, and this allows us to break free from one-dimensional calculus and investigate paths, velocities, and other applications of science that exist in three-dimensional space. We study derivatives in multiple dimensions and use the ideas of the gradient and partial derivatives to explore optimization problems with multiple variables as well as consider constrained optimization problems using Lagrangians. After our study of differentials in multiple dimensions, we move to integral calculus. We use line and surface integrals to calculate physical quantities especially relevant to mechanics, electricity and magnetism, such as work and flux. We will employ volume integrals for calculations of mass and moments of inertia and conclude with the major theorems (Green's, Stokes', Gauss') of the course, applying each to some physical applications that commonly appear in calculus-based physics. **Prerequisite:** The equivalent of a college year of single-variable calculus, including integration techniques, such as trigonometric substitution, integration by parts, and partial fractions. Completion of the AP Calculus BC curriculum with a score of 4 or 5 on the AP Exam would be considered adequate preparation.

**NEUROPSYCHOLOGY HONORS:** (Science/Social Studies) - G000680

This course is an exploration of the neurological basis of behavior. It covers basic brain anatomy and function as well as cognitive and behavioral disorders from a neurobiological perspective. Additionally, students explore current neuroscience research as well as the process of funding that research. Examples of illnesses that may be covered include: Alzheimer’s disease, traumatic brain injury, and stroke. In addition, we explore diagnostic and treatment issues (including behavioral and pharmaceutical management) as well as attention, learning, memory, sleep, consciousness and emotional intelligence. Students conclude the course by developing a fundraising campaign to support research and/or patient care initiatives related to a specific neurological condition and nonprofit foundation.

**NUMBER THEORY HONORS:** (Math) - G000820

Once thought of as the purest but least applicable part of mathematics, number theory is now by far the most commonly applied: every one of the millions of secure internet transmissions occurring each second is encrypted using ideas from number theory. This course covers the fundamentals of this classical, elegant, yet supremely relevant subject. It provides a foundation for further study of number theory, but even more, it develops the skills of mathematical reasoning and proof in a concrete and intuitive way and is necessary preparation for any future course in upper-level college mathematics or theoretical computer science. We progressively develop the tools needed to understand the RSA algorithm, the most common encryption scheme used worldwide.
Along the way we invent some encryption schemes of our own and discover how to play games using number theory. We also get a taste of the history of the subject, which involves the most famous mathematicians from antiquity to the present day, and we see parts of the story of Fermat’s Last Theorem, a 350-year-old statement that was fully proven only twenty years ago. While most calculations will be simple enough to do by hand, we will sometimes use the computer to see how the fundamental ideas can be applied to the huge numbers needed for modern applications. **Prerequisite: A strong background in Precalculus and above, as well as a desire to do rigorous mathematics and proofs.**

**PERSONAL FINANCE HONORS: (Social Studies) - G2102374**

In this course, students learn financial responsibility and social consciousness. We will examine a wide array of topics including personal budgeting, credit cards and credit scores, career and earning potential, insurance, real estate, financial investment, retirement savings, charitable giving, taxes, and other items related to personal finance. Students will apply their understanding of these topics by simulating real life financial circumstances and weighing the costs and benefits of their decisions. Throughout the course, students will have the opportunity to learn from individuals with varying perspectives and expertise in numerous fields. By reflecting on their roles in the broader economy as both producers and consumers, students will begin to consider how they can positively impact the world around them through their financial decisions.

**POETRY WRITING HONORS: (Elective) - G000625**

Poetry teaches us our humanity. Through writing weekly drafts and reading a wide range of poets, you will learn more about yourself and what captures the attention of poets. Whether you are an experienced writer or an adventurous spirit willing to give poetry a try—this course will help you to increase facility with language, imagination, and the writing process. Using discussion threads, spoken word, and video conferencing, we will create a trusting community of writers willing to explore authentic subjects. The weekly experience includes poetry drafts and a workshop format where you will hone your skills in giving and receiving positive feedback. You’ll also read a range of texts (printed and media) to become familiar with important poets working today and their influences. By the end of the course, you’ll have a portfolio of revised, publishable poems for a class book and international journals. Previous GOA students have published in Aerie International, Repentino, Teen Ink, Teen Vogue, Hanging Loose, and earned both regional and national Scholastic Writing Awards.

**POSITIVE PSYCHOLOGY HONORS: (Social Studies) - G000646**

What is a meaningful, happy, and fulfilling life? The focus of psychology has long been the study of human suffering, diagnosis, and pathology, but in recent years, however, positive psychologists have explored what’s missing from the mental health equation, taking up research on topics such as love, creativity, humor, and mindfulness. In this course, we will dive into what positive psychology research tells us about the formula for a meaningful life, the ingredients of fulfilling relationships, and changes that occur in the
brain when inspired by music, visual art, physical activity, and more. We will also seek out and lean on knowledge from positive psychology research and experts, such as Martin Seligman’s well being theory, Mihaly Csikszentmihalyi’s idea of flow, and Angela Lee Duckworth’s concept of grit. In exploring such theories and concepts, students will imagine and create real-world measurements using themselves and willing peers and family members as research subjects. As part of the learning studio format of the course, students will also imagine, research, design, and create projects that they will share with a larger community. Throughout the development of these projects, students will collaborate with each other and seek ways to make their work experiential and hands-on. Students will leave the class with not only some answers to the question of what makes life meaningful, happy, and fulfilling, but also the inspiration to continue responding to this question for many years to come.

PRISONS AND THE CRIMINAL LAW HONORS: (Social Studies) - G000830

Criminal courts in the United States have engaged in an extraordinary social experiment over the last 40 years: they have more than quintupled America’s use of prisons and jails. Has this experiment with “mass incarceration” produced more bad effects than good? Is it possible at this point to reverse the experiment without doing even more harm? In this course, students become familiar with the legal rules and institutions that determine who goes to prison and for how long. Along the way, students gain a concrete, practical understanding of legal communication and reasoning while grappling with mass incarceration as a legal, ethical, and practical issue. In an effort to understand our current scheme of criminal punishments and to imagine potential changes in the system, we immerse ourselves in the different forms of rhetoric and persuasion that brought us to this place: we read and analyze the jury arguments, courtroom motions, news op-eds, and other forms of public persuasion that lawyers and judges create in real-world criminal cases. Topics include the history and social functions of prisons; the definition of conduct that society will punish as a crime; the work of prosecutors, defense attorneys, and judges in criminal courts to resolve criminal charges through trials and plea bargains; the sentencing rules that determine what happens to people after a conviction; the alternatives to prison when selecting criminal punishments; and the advocacy strategies of groups hoping to change mass incarceration. The reading focuses on criminal justice in the United States, but the course materials also compare the levels of imprisonment used in justice systems around the world. Assignments will ask students to practice with legal reasoning and communication styles, focused on specialized audiences such as juries, trial judges, appellate judges, sentencing commissions, and legislatures. The work will involve legal research, written legal argumentation, peer collaboration, and oral advocacy.

Note: This course is offered through Wake Forest University School of Law and is taught by Ronald Wright, the Needham Y. Gulley Professor of Criminal Law. Students who take this course should expect a college-level workload (8-10 hours a week). Successful completion of this course will be rewarded with a certificate from the law school.
PROBLEM SOLVING WITH ENGINEERING AND DESIGN HONORS: (Computer Science/Science) – G8600160

This course investigates various topics in science, technology, computer programming, engineering, and mathematics using a series of projects and problems that are both meaningful and relevant to the students’ lives. Students will develop engineering skills, including design principles, modeling, and presentations, using a variety of computer hardware and software applications to complete assignments and projects. This is a course that focuses on practical applications of science and mathematics to solve real-world issues. Prototyping and project based learning are therefore essential components of the course. Upon completing this course, students will have an understanding of the application of science and mathematics in engineering and will be able to make informed decisions concerning real-world problems. Furthermore, students will have worked on a design team to develop a product or system. Throughout the program, students step into the varied roles engineers play in our society, solve problems in their homes and communities, discover new career paths and possibilities, and develop engineering knowledge and skills. There are no particular math or science prerequisites for this course, just an interest in using STEM to solve problems and a desire to learn!

RACE & SOCIETY HONORS: (Social Studies) – G2104600

What is race? Is it something we’re born with? Is it an idea that society imposes on us? An identity we perform? A beneficial privilege? Does our own culture’s conception of race mirror those found in other parts of the world? These are just a few of the questions that students in this course will explore together as they approach the concept of race as a social construct that shapes and is shaped by societies and cultures in very real ways. Throughout the course, students will learn about the changing relationship between race and society across time and across cultures. Engaging with readings, films, and speakers from a variety of academic fields (history, sociology, anthropology, literature) students will explore, research, reflect on and discuss the complex set of relationships governing race and society.

SOCIAL PSYCHOLOGY HONORS: (Social Studies) - G000647

Are you thinking and acting freely of your own accord or is what you think, feel, and do a result of influences by the people around you? Social psychology is the scientific study of how and why the actual, imagined, or implied presence of others influences our thoughts, feelings, and behavior. The principles of social psychology help explain everything from why we stop at stop signs when there is no one around to why we buy certain products, why in some situations we help others and in some we don’t, and what leads to more dramatic (and catastrophic) events such as mass suicides or extreme prejudice and discrimination. As we take up these topics and questions, students will build and engage in a community of inquiry, aimed primarily at learning how to analyze human behavior through the lens of a social psychologist. Social Psychology invites students to explore, plan, investigate, experiment, and apply concepts of prejudice,
persuasion, conformity, altruism, relationships and groups, and the self that bring the 
“social” to psychology. The course culminates in a public exhibition of a student-
designed investigation of a social psychological topic of their choice. This course uses a 
competency-based learning approach in which students build GOA core competencies 
that transcend the discipline and learn how to think like a social psychologist. Much of 
the course is self-paced; throughout the semester, students are assessed solely in 
relation to outcomes tied to the competencies.
Lake Highland Preparatory School has partnered with the University of Florida (UF) providing students the opportunity to participate in a Dual Enrollment Program. Dual enrollment is a program that allows students to take postsecondary coursework and simultaneously earn credit toward a high school diploma.

Lake Highland students interested in participating in Dual Enrollment should contact their college counselor. Lake Highland seniors must be on track to graduate with the following courses completed in order to be eligible to participate in the UF Dual Enrollment Program.

- 3 years of English (English 9-11).
  - Students must be enrolled in and complete 12th grade English at Lake Highland.
- World History, United States History, as well as one additional Social Studies credit.
- Biology, Chemistry and Physics (completion of or concurrent enrollment in Physics).
- 3 years of Upper School Math.
  - Student must be enrolled in and complete a 12th grade Math course at Lake Highland.
- Two years of an Upper School World Language.
- Completion of at least four of the following required courses:
  - Performing/Fine Arts
  - Humanities
  - Physical Education (or waiver option)
  - Computer Science
  - Advanced Composition

The LHPS/UF Dual Enrollment Program is open only to seniors. Students are still required to take a minimum of five graded academic credits each semester. Dual Enrollment courses are weighted one full point, the same as AP courses.

The initial eligibility requirements of UF are subject to change. Currently, students must meet the following UF criteria in addition to the above Lake Highland requirements.

- The student must have a 3.6 cumulative unweighted high school GPA based on a minimum of five semesters.
- The student must have a composite PSAT score of 1130, a composite SAT score of 1100, or a composite ACT score of 22.
- The student must satisfy any course prerequisites, including but not limited to, placement exams and/or any other criteria set forth by UF.

Please click [here](#) for more information about the LHPS/UF Dual Enrollment Program.

To view the Dual Enrollment courses available, please click [here](#).

**University of Florida Dual Enrollment Fall 2020 Term Dates**

Fall 2020 application window: 2/3/20 - 5/1/20

Fall 2020 term: 8/24/20 – 12/18/20

Add/Drop window: 8/24/20 to 8/28/20 and all changes must go through the University of Florida office. Drop requests must be sent by 8/28/20 by 4:00 pm.

**University of Florida Dual Enrollment Spring 2021 Term Dates**

Spring 2021 application window: 9/17/20 – 10/20/20

Spring 2021 term: 1/5/21 – 4/20/21

Add/Drop window: 1/5/21 – 1/11/21 and all changes must go through the University of Florida office. Drop requests must be sent by 1/11/21 by 4:00 pm.
Advanced Placement Course Prerequisites

NOTE: AP students are expected to make satisfactory progress in AP courses. Any student who receives a grade below “C” at the quarter or the semester may be moved to the corresponding Honors class or another elective. Freshmen may not enroll in more than one Advanced Placement course.

I. General prerequisites (Specific prerequisites below supersede the general prerequisites.)
   A. “B” or better in previous Honors-level course
   B. 590 or better on the related sections of the PSAT/SAT
   C. Teacher and/or counselor recommendation

II. Language Arts and Social Studies
   A. “A” in previous year’s Honors-level course or “B” or better in previous year’s AP course
   B. 590 or better on PSAT/SAT Evidence-Based Reading and Writing

III. Art History
   A. “B” or better in previous English Honors or AP or “A” in English College Prep

IV. Biology
   A. “A” in previous Science Honors courses
   B. “A” in previous Math Honors courses
   C. Completion of Biology Honors (or Summer AP Institute) and pre or co-requisite of Algebra II Honors
   D. 590 or better on PSAT/SAT Evidence-Based Reading and Writing and Math

V. Calculus (AB)
   A. 87% or higher in Advanced Pre-Calculus Honors or Honors Calculus
   B. 620 or better on PSAT/SAT Math

VI. Calculus (BC)
   A. 80% or better in AP Calculus (AB)
   B. 650 or better on SAT Math

VII. Chemistry
   A. "B" or better in Chemistry Honors or completion of the Summer AP Chemistry Institute
   B. “B” or better in Algebra II Honors and concurrently enrolled in Pre-Calculus Honors or higher Math
   C. 590 or better on PSAT/SAT Math

VIII. Computer Science A
   A. “B” or better in previous Computer Science course
B. “B” or better in Algebra II Honors
C. 550 or better on PSAT/SAT Math

IX. Computer Science Principles
A. “A” in Algebra I Honors
B. 550 or better on PSAT/SAT Math

X. Environmental Science
A. “B” or better in Chemistry Honors
B. 550 or better on PSAT/SAT Evidence-Based Reading and Writing

XI. Macroeconomics and Microeconomics
A. 590 or better on PSAT/SAT Evidence-Based Reading and Writing and Math
B. Teacher recommendation

XII. Physics 1
A. “A” in Chemistry Honors or a “B” or better in AP Chemistry
B. “B” or better in previous year’s Honors Math course and concurrently enrolled in Advanced Pre-Calculus Honors or higher Math
C. 600 or better on PSAT/SAT Math

XIII. Physics 2
A. “A” in Honors Physics or a “B” or better in AP Physics 1
B. “B” or better in previous year’s Honors Math course and concurrently enrolled in Advanced Pre-Calculus Honors or higher Math
C. 600 or better on PSAT/SAT Math

XIV. Physics C
A. “A” in Physics Honors or a “B” or better in AP Physics 1 or 2
B. “B” or better in AP Calculus AB
C. 650 or better on PSAT/SAT Math

XV. Statistics
A. By departmental approval only.
B. 85% or better from Algebra II Honors or a higher level Math course or 95% or better from College Prep Math
C. 600 or better on Math and Evidence-Based Reading and Writing PSAT/SAT

XVI. Seminar
A. 550 or better on the Evidence-Based Reading and Writing PSAT/SAT

XVII. World Languages
A. 85% or better in previous year’s Honors course
B. 590 or better on PSAT/SAT Evidence-Based Reading and Writing
C. Placement test and teacher interview if new to LHPS
D. Teacher recommendation
Advanced Placement Courses

Arts

AP Art and Design (2D, 2D Innovation, 3D, Drawing)
AP Music Theory

Capstone

AP Seminar

Computer Science

AP Computer Science A
AP Computer Science Principles

Language Arts

AP English Language & Composition
AP English Literature & Composition

Math

AP Calculus (AB)
AP Calculus (BC)
AP Statistics

Science

AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics 2
AP Physics C (Mechanics, Electricity and Magnetism)

Social Studies

AP Art History
AP European History
AP Macroeconomics
AP Microeconomics
AP Psychology
AP US Government/Politics
AP US History
AP World History: Modern

**World Languages**

AP Chinese Language & Culture
AP French Language & Culture
AP Latin
AP Spanish Language & Culture

*NOTE: All students taking AP courses are required to take the AP exams in the spring. These exams cost approximately $96 each; this fee will appear on the student’s bill.*
# Academic Recognition

## LHPS Course Weighting

Honors-level courses are weighted one-half point (0.5). AP courses are weighted one full point (1.0). Dual Enrollment courses are weighted one full point (1.0).

<table>
<thead>
<tr>
<th>Grade</th>
<th>College Prep</th>
<th>Honors</th>
<th>Advanced Placement and Dual Enrollment (college-level)</th>
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<tr>
<td>B</td>
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<tr>
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</tr>
</tbody>
</table>

**Note:** Colleges, NCAA and scholarship programs often recalculate GPA’s based on their own specific eligibility requirements.
Merit Studies

The Merit Studies Program is a program to honor students who have completed the most rigorous and challenging course of study throughout grades 9-12. Students who wish to graduate with the Merit Studies designation must complete a minimum of twelve Honors-level classes, four of which must be Advanced Placement level. In addition to the typical LHPS graduation requirements, Merit Studies graduates must complete a minimum of three World Language credits, with four being the recommendation.

Florida’s Bright Futures Scholarship Program & NCAA Requirements for Athletes*

Requirements for these programs change each year and sometimes even during the school year. Lake Highland Preparatory School’s College and Career Center keeps copies of the latest requirements on-hand for anyone who would like to review current regulations. Academic counselors also distribute this information to parents and students whenever they meet in a formal setting. To review the most recent releases from NCAA or the Florida State Legislature, stop by the College and Career Center in the Calkins Library or check the following web sites:

NCAA Website: www.ncaa.org
Bright Futures Website: www.floridastudentfinancialaid.org
Bright Futures Phone: 1-888-827-2004

*NOTE: Colleges, NCAA and scholarship programs such as Florida Bright Futures often recalculate a student’s GPA based on their own specific eligibility requirements. It is the students’ responsibility to ensure the courses they have chosen meet the eligibility requirements of these programs.
Community Service

x2VOL: Community Service

A complete education includes academic achievement plus commitment and responsibility to the community. Lake Highland Preparatory School recommends community service hours at each grade level:

- Grade 9: 25 Hours
- Grade 10: 25 Hours
- Grade 11: 25 Hours
- Grade 12: 25 Hours

Community service is an action performed to benefit another person, group or institution. It is done with compassion and selflessness, and without compensation. It involves the free sharing of time and talents. Examples are time spent helping organizations such as hospitals, homeless shelters, schools, helping elderly neighbors, tutoring children, volunteering at church and the like. Work should be completed at a non-profit organization. Work done to benefit one’s own family or school class is not considered community service; it is a responsibility of membership. Donations of canned goods and other items are strongly encouraged as a reflection of personal generosity, but they do not earn community service hours. Internship and job shadowing experiences undertaken to learn about a career, even in settings such as hospitals where community service might otherwise be done, do not qualify as community service in themselves.

Community service hour requirements for the FAS Florida Bright Futures award are 100 hours. Community service hour requirements for the FMS Florida Bright Futures award are 75 hours.

Each student can make a difference in the Central Florida community. Through these efforts, the student will gain not only an increased sense of self-worth and purpose, but also an understanding of the tremendous needs throughout the area in which they live.
Summer Classes: Transcript Policies

Courses students take in the summer typically fall into two categories: enrichment classes and credit classes.

Many colleges and educational institutions offer summer enrichment programs and courses. These programs are excellent opportunities to reinforce scholastic skills and begin laying foundations for new fields of study. They are usually not intended by the offering institutions to be taken for official high school credit and are not granted credit by Lake Highland.

Some students wish to take courses for credit during the summer. This can be a sound strategy in some cases. It can also be unadvisable academically. Some difficult classes are better learned over the course of a school year when a student has time to absorb and work through new concepts. For this reason, students who wish to take a summer course for credit must submit a pre-approval form to be reviewed and approved by the Upper School Director in consultation with guidance counselors. The Director will make the final decision on accepting the course for credit to be added to the transcript.