LCP SUMMER 2021

Digital Catalog

What LCP Does You For

Most Legend College Preparatory students are referred by friends, family, and counselors. Your neighbors trust us to take care of their favorite people. Get access to key courses for a stronger transcript to impress your target colleges. Credit recovery and grade improvements will help boost GPA. If you're still doing school the way it's always been done, you're missing out on enormous opportunities. Discover what you can achieve when you go the distance with LCP!

Why Students Attend LCP

Finish prerequisites

Obtain Credit Recovery

Boost Student GPA

Get Ahead with AP Courses

Plan for Future Courses

Enroll in Courses Public Schools Don't Offer

DATES OF

Summer Session I & II – 2021

Summer Session I

6/9 - 7/16 Synchronous Classes

Classes meet twice a week (Mon/Weds OR Tues/Thurs) for 3.5 hours a day

6/9 - 8/9 Asynchronous Classes

No Designated Meeting Times

Summer Session II

7/19 - 8/6 Synchronous Classes

Classes meet 4 times a week (Mon-Thur) for 3.5 hours a day

Please note: Prior experience on the subject is highly recommended for students joining Summer Session II.

Online High School Benefits

- Effective Learning
- Accredited Coursework
- Rich Media Engagement
- https://www.youtube.com/watch?v=AGOE66gqgTE&feature=emb_logo

Synchronous and Asynchronous Classes

Synchronous classes are instructor-led courses with live lectures via video conferencing. Students are expected to attend these meetings during the designated class schedule. Students have the added benefit of recorded lectures to use for review or to catch up with a missed session.

Asynchronous classes are designed to offer an “anywhere-anytime” option to proactive learners. They are mostly self-directed and self-paced. While there are no live video conference sessions, students have access to other class resources and prepared materials. Our instructors will be equipped with a multitude of tools that will support their students in managing their assignments to do well

in the courses. Some of these tools include, a milestone checklist, which the recommended pacing/due dates put in the class, periodic reminders for students that should be working on, look into features in Canvas that can require students to complete all required assignments before moving into the next modules, out-of-pace assignment completion notifications to parents. We welcome students who are independent learners who demonstrate strong time management skills, study habits, and overall academic skills, since the courses are faster-paced and will be completed in 9 weeks time. There will still be discussions or other interactions among students in the class, but the level of interactions will vary based on each course. We use Protorio, a software to lock down the browser to ensure integrity and fairness when taking quizzes and exams.

Regardless of the class format, students are always highly encouraged to reach out to their instructors for help via email or to schedule a meeting during the instructor's office hours. Students can expect to hear back from instructors within 24 hours with answers to their questions.

In the case a student wants to transfer to a different class format, we can only consider a request to transfer from the synchronous to asynchronous option. The eligibility decision will be determined at LCP's discretion.

FAQ

Q: Do high schools or colleges accept LCP credits?

A: Yes! We haven't had any issues with transferring credits from one WASC accredited institution to another or to colleges. We accept credit transfers from other high schools to our transcripts as well.

Q: Will the Summer Session be too intensive for my student?

A: During the summer, we cover the same material of a two semester course in a matter of weeks. While the courses themselves last for a shorter period of time, students do not have the pressure they usually experience during the school year. Compared to a typical load of 6+ courses during the school year, summer students opt to take 1 or 2 courses to be fully immersed in the content. To be successful in our summer program, students must be highly motivated and manage their time wisely.

Q: What if other summer activities conflict with my student's schedule?

A: If you have a few specific dates that your student will be missing in advance, let us know and we will try to accommodate if possible. However, if your student will miss a lot of classes, it would be best to look into the asynchronous courses or wait until the fall.

Q: Where can I find important dates for my class term?

A: You can refer to the link below for all important academic dates in your upcoming term!
https://legendcp.com/2020-2021-academic-calendar/

Q: How can I request a transcript?

A: Refer to this YouTube video for all of your transcript needs!
https://legendcp.com/transcript-faq/

Live link to the enrollment form
https://legendcp.wufoo.com/forms/z8j52vm0vgl92g/

Live link to schedule an academic consultation
https://legendcp.com/general-inquiry-form/

SUMMER 2021

Math Offerings

Pre-AP Algebra I & Algebra II

Algebra I/II combines the first two years of the conventional Algebra courses into one single class. With smarter arrangement of topics and appropriate preparation, students can make impressive progress in just one year, significantly cutting down the time it takes to reach more advanced coursework. Completion of Algebra I/II allows students to acquire two years worth of credits (20 credits).

Schedule: Asynchronous OR Synchronous, Mon/Wed, 9:00am–12:30pm
Prerequisite(s): Pre-Algebra course or equivalent
Text: Elementary and Intermediate Algebra: Concepts & Applications 7th Edition
Author(s): Bittinger, Marvin | Ellenbogen, David | Johnson, Barbara
ISBN-13: 9780134462707

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost Asynchronous: **$1,003** **OR** Synchronous: **$1,928**

Geometry

This course builds a solid foundation in geometry with emphasis on formal mathematical proofs and logic reasoning. Students learn problem solving with methods such as direct and indirect proofs, induction, and deduction. Some topics include: congruence and similarity of triangles and other polygons, parallel and perpendicular lines and their associated angles, polygon properties and the formulas associated with several plane and solid figures.

Schedule: Mon/Wed, 9:00am–12:30pm
Prerequisite(s): Algebra I
Text: Geometry, Ready To Go MyMathLab Course 1st Edition
Author(s): Martin-Gay, Elayn
ISBN-13: 9780132861335

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$1,928**

Geometry Honors

This course builds a solid foundation in geometry with emphasis on formal mathematical proofs and logic reasoning. Students learn problem solving with methods such as direct and indirect proofs, induction, and deduction. Some topics include: congruence and similarity of triangles and other polygons, parallel and perpendicular lines and their associated angles, polygon properties and the formulas associated with several plane and solid figures.

Schedule: Asynchronous only
Prerequisite(s): Algebra I

Text: Geometry, Ready To Go MyMathLab Course 1st Edition
Author(s): Martin-Gay, Elayn
ISBN-13: 9780132861335

AND

Text: Trigonometry: A Unit Circle Approach 11th Edition
Author(s): Sullivan, Michael
ISBN-13: 9780135240786

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$1,056**

Pre-AP Geometry & Trigonometry

This course builds a solid foundation in geometry with emphasis on formal mathematical proofs and logic reasoning. Students learn problem solving with methods such as direct and indirect proofs, induction, and deduction. Some topics include: congruence and similarity of triangles and other polygons, parallel and perpendicular lines and their associated angles, polygon properties and the formulas associated with several plane and solid figures.

Schedule: Asynchronous OR Synchronous, Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): Algebra I

Text: Geometry, Ready To Go MyMathLab Course 1st Edition
Author(s): Martin-Gay, Elayn
ISBN-13: 9780132861335

AND

Text: Trigonometry: A Unit Circle Approach 11th Edition
Author(s): Sullivan, Michael
ISBN-13: 9780135240786

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost Asynchronous: **$1,056** **OR** Synchronous: **$1,981**

Algebra II / Trigonometry

The Algebra II/Trigonometry course is an extension of Algebra I and Geometry. It involves a review of the operations of the real number system, solutions of linear equations and inequalities in two and three variables, properties of polynomials, complex numbers, and rational expressions. The concepts of relations and functions are developed, emphasizing linear, quadratic, exponential, logarithmic, trigonometric functions, as well as conic sections, probability and matrix algebra.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra I (required – grade of B or better), Geometry (preferred)
Text: Algebra & Trigonometry: Graphs and Models 6th Edition, Digital Update
Author(s): Bittinger, Marvin | Beecher, Judith | Ellenbogen, David | Penna, Judith
ISBN-13: 9780134270678

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$1,928**

Pre-Calculus Honors

This course is designed for students who have successfully completed a course in Algebra II and, preferably, another course in Trigonometry. It will provide an in-depth study of all topics essential to the study of AP Calculus. Students will be actively engaged in problem solving, reasoning, connecting and communicating mathematically as they explore families of functions and their characteristics, advanced trigonometry concepts, matrices, analytical geometry, vectors, probability, sequences, and limits. The course will require the completion of a research project connecting the concepts covered in class to a real world application.

Schedule: Asynchronous OR Synchronous, Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra II (required – grade of B or better), Algebra II/Trig or Trigonometry (preferred)
Text: Precalculus: Enhanced with Graphing Utilities 7th Edition for High School Users
Author(s): Sullivan, Michael | Sullivan III, Michael
ISBN-13: 9780134308371

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost Asynchronous: **$1,203** **OR** Synchronous: **$2,063**

AP Calculus AB

This is a comprehensive year-long course in the study of both differential and integral calculus and is intended to be the equivalent of a college level Calculus I course. Students will be studying the ideas of functions, graphs, limits, derivatives and integrals as outlined in the AP Calculus Course description The intent is for students to master the fundamentals of calculus in order to succeed on the AP Calculus AB exam and be adequately prepared to be successful in higher mathematics courses.

This course will include the following topics: review of important precalculus concepts, limits and continuity, derivatives, applications of the derivative to Physics and Finances, implicit differentiation, related rates, integration, applications of integration to Physics and other areas, slope fields, curve sketching, differential equations, improper integrals and L' Hôpital's rule.

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): Pre-Calculus Honors
Text: Thomas' Calculus 14th Edition
Author(s): Haas, Heil, and Weir
ISBN-13: 978-0134438986

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$2,552**

AP Calculus BC

This is a comprehensive year-long course in the study of both differential and integral calculus and is intended to cover the equivalent of a college level Calculus I and a Calculus II course. Students will be studying the ideas of functions, graphs, limits, derivatives and integrals as outlined in the AP Calculus Course description. The intent is for students to master the fundamentals of calculus in order to succeed on the AP Calculus BC exam and be adequately prepared to be successful in higher mathematics courses.

This course will include the following topics: review of important precalculus concepts, limits and continuity, derivatives, applications of the derivative to Physics and Finances, implicit differentiation, related rates, integration, applications of integration to Physics and other areas, slope fields, curve sketching, differential equations, improper integrals, polar and parametric functions, series convergence and polynomial approximation.

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): Pre-Calculus Honors (required). Prior exposure to Calculus concepts (recommended)
Text: Thomas' Calculus 14th Edition
Author(s): Haas, Heil, and Weir
ISBN-13: 978-0134438986

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$2,552**

AP Statistics

AP Statistics is the high school equivalent of an introductory college statistics course. In AP Statistics, we will focus on four major themes: exploratory data analysis, designing studies, probability models and simulation, and statistical inference. In essence, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments.

Probability and simulations aid students in constructing models for chance phenomena. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. Students might use a TI-83 graphing calculator, statistical software (Minitab), and Web-based java applets and activities to investigate statistical concepts. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data.

Schedule: Mon/Wed, 9:00am –12:30pm
Prerequisite(s): Pre-Calculus Honors
Text: A First Course in Statistics, 12th Edition
Author(s): McClave, James T. | Sincich, Terry
ISBN 9780134080628

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$2,552**

Live link to the enrollment form
https://legendcp.wufoo.com/forms/z8j52vm0vgl92g/

Live link to schedule an academic consultation
https://legendcp.com/general-inquiry-form/

SUMMER 2021

Science Offerings

Biology

This course is an introductory course to Biology. It emphasizes cell structure and function, molecular basis of heredity, biological evolution, organism interdependence, matter, energy, and organization of living systems, and behavioral regulation of organisms. Major topics are enhanced by laboratory experience.

Schedule: Mon/Wed, 9:00am–12:30pm
Prerequisite(s): None
Text: Biology by Kenneth Miller and Joseph Levine 2010 Macaw Edition
Author(s): Kenneth Miller and Joseph Levine
ISBN-13: 978-0133669510

Cost **$2,210**

Biology Honors

This course is an accelerated, lab-oriented introduction to Biology and recommended for students intending to take AP Chemistry or AP Biology. It emphasizes cell structure and function, molecular basis of heredity, biological evolution, organism interdependence, matter, energy, and organization of living systems, and behavioral regulation of organisms. Major topics are enhanced by laboratory experience.

Schedule: Asynchronous OR Synchronous, Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): None
Text: Biology by Kenneth Miller and Joseph Levine 2010 Macaw Edition
Author(s): Kenneth Miller and Joseph Levine
ISBN-13: 978-0133669510

Cost Asynchronous: **$1,150** **OR** Synchronous: **$2,210**

Chemistry Honors

Chemistry Honors is designed for students who intend to take college level classes in Chemistry and Biology. Through classroom discussion and individual investigation, reading and direct experiment, students are invited to discover and understand the chemical processes and systems governing the physical world around them. Students are guided through the understanding of the scientific method, atomic composition and structure, analysis of the Periodic Table and properties of elements, bonding of elements, chemical reaction and molarity calculations, theory of gases, acids and bases, chemical equilibrium, reaction rates, and organic chemistry.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Biology
Text: Modern Chemistry
Author(s): Holt, Winston, and Rinehart
ISBN: 0030565375

Cost **$2,210**

Conceptual Physics

This course is designed for students seeking a strong foundation in Physics and better preparation for College-level Physics. It is intended to bridge the gap between Physical Sciences courses covered in the traditional Middle School curriculum and the more advanced Physics knowledge and understanding expected in AP Physics classes, while requiring no more than Algebra I and some Geometry.

Topics covered include: force and motion, work and energy, circular and rotational motion and dynamics, static equilibrium, electricity and magnetics, thermodynamics, fluid mechanics, vibration and sound, waves and optics, and nuclear physics. We will focus on theory as well as real world applications, with a special emphasis on understanding how physical phenomena manifest themselves, why they occur and what makes them relevant to everyday life. Students are expected to be highly motivated and self-starters and to be able to perform a significant amount of independent study. A final project based on real world applications completes this course.

Schedule: Asynchronous OR Synchronous, Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra I
Text: Modified Mastering Physics for Conceptual Physics 12th Edition for High School Users
Author(s): Hewitt, Paul
ISBN-13: 9780133498493

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost Asynchronous: **$1,048** **OR** Synchronous: **$1,925**

AP Biology

AP Biology is a rigorous and demanding course, which is the equivalent of an introductory college biology course.

Content is covered with high expectations placed on interpretation and analysis of information than other biology courses. In addition, statistical analysis of data and modeling of concepts will be required. A significant amount of studying must be completed at home to allow time for discussion, labs, and inquiry during class time. Students will be prepared for the AP exam at the conclusion of this course.

Schedule: Asynchronous OR Synchronous, Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): Biology (required), Chemistry or Chemistry Honors (preferred)
Text: Modified Mastering Biology for Campbell Biology 12th Edition AP Edition for Advanced Placement
Author(s): Urry, Lisa | Cain, Michael | Wasserman, Steven | Minorsky, Peter | Orr, Rebecca
ISBN-13: 9780136486879

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost Asynchronous: **$1,500** **OR** Synchronous: **$2,749**

AP Chemistry

This is an advanced placement course designed to prepare the student for the AP Chemistry exam, and covers the equivalent of one full year of college level General Chemistry. It is a rigorous math-based course, with a strong laboratory component. The primary goal of the course is to understand the principles of modern chemistry in greater depth, including stoichiometry, reactions, kinetics, equilibrium, thermodynamics, and electrochemistry, while also demonstrating the ability to use this understanding in the solution and meaningful communication of mathematically based laboratory and textbook problems.

Schedule: Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): Biology (required), Chemistry or Chemistry Honors (preferred)
Text: Modified Mastering Chemistry for Chemistry: The Central Science 14th Edition for Advanced Placement
Author(s): Brown, Theodore | LeMay, H. | Bursten, Bruce | Murphy, Catherine | Woodward, Patrick | Stoltzfus, Matthew
ISBN-13: 9780134650951

Cost **$2,749**

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

AP Physics 1

This algebra-based course is designed for students seeking an introductory class in College-level Physics. Topics covered include: force and motion, work and energy, circular and rotational motion and dynamics, static equilibrium, electricity and electrostatics, waves and sound. We will focus on theory as well as applications, with emphasis on extensive problem solving. Students are expected to be highly motivated and self-starters and to be able to perform a significant amount of independent study. A final project, based on real world applications completes this course. While this course is definitely challenging, fun is not left out of the equation and students will have the opportunity to participate in many interesting and even entertaining labs and in-class competitions! Some preparation for the AP Physics 1 examination is included in the class.

Schedule: Asynchronous OR Synchronous, Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): Algebra I (required); Algebra II/Trig or Trigonometry (recommended)
Text: Modified Mastering Physics for College Physics 11th Edition
Author(s): Young, Hugh | Adams, Philip | Chastain, Raymond
ISBN-13: 9780134876986

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost Asynchronous: **$1,556** **OR** Synchronous: **$2,805**

AP Physics 2

Course Description: This course is designed for students seeking an introductory class in College-level Physics. It is a year long class, taken as the second part of a 2 year course on Physics. Topics covered include: temperature and kinetic energy, heat, laws of thermodynamics, fluid static and dynamics. electric charge field and potential, electric current and DC circuits, magnetics and electromagnetic induction, electromagnetic waves. geometry optics, photon theory of light, and nuclear physics.

We will focus on theory as well as applications, with a special emphasis on extensive problem solving. Students are expected to be highly motivated and self-starters and to be able to perform a significant amount of independent study. A final project, based on real world applications completes this course. While this course is definitely challenging, fun is not left out of the equation and students will have the opportunity to participate in many interesting and even entertaining labs and in class competitions! Some preparation for the AP Physics 2 examination is included in the class.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra II (required), Algebra II/Trig or Trigonometry (preferred)
Text: Modified Mastering Physics for College Physics 11th Edition
Author(s): Young, Hugh | Adams, Philip | Chastain, Raymond
ISBN-13: 9780134876986

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$2,805**

AP Environmental Science

Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): none
Text: Modified Mastering Environmental Science for Environment: Science Behind the Stories 7th Edition for Advanced Placement
Author(s): Withgott, Jay | Laposata, Matthew
ISBN-13: 9780136451471

Cost **$2,749**

AP Physics C

Mechanics (Semester 1):
This course is designed for students seeking an advanced class in College-level Physics. This course focuses specifically on Mechanics. Topics covered include: kinematics, Newton's laws of motion, work, energy, power, system of particles, linear momentum, circular motion and rotation, oscillation and satellite motion. We will focus on theory as well as applications, with a special emphasis on extensive problem solving. Students are expected to be highly motivated and self-starters and to be able to perform a significant amount of independent study. A final project, based on real world applications completes this course. While this course is definitely challenging, fun is not left out of the equation and students will have the opportunity to participate in many interesting and even entertaining labs and in class competitions! Some preparation for the AP Physics C examination is included in the class.

Electricity & Magnetism (Semester 2):
This course is designed for students seeking an advanced class in College-level Physics. This course focuses specifically on Electricity and Magnetism. Topics covered include: electrostatics, electric circuits, conductors, capacitors, dielectrics, magnetic fields, and electromagnetism. We will focus on theory as well as applications, with a special emphasis on extensive problem solving. Students are expected to be highly motivated and self-starters and to be able to perform a significant amount of independent study. A final project, based on real world applications completes this course. While this course is definitely challenging, fun is not left out of the equation and students will have the opportunity to participate in many interesting and even entertaining labs and in class competitions! Some preparation for the AP Physics C examination is included in the class.

Schedule: Mon/Wed, 9:00am–12:30pm
Prerequisite(s): AP Calculus AB or BC or equivalent college-level course
Text: Modified Mastering Physics for University Physics with Modern Physics 15th Edition
Author(s): Young, Hugh | Freedman, Roger
ISBN-13: 9780135159705

Access code and e-book to be provided by Legend. Please do not make any purchases in advance.

Cost **$2,805**

Live link to the enrollment form
https://legendcp.wufoo.com/forms/z8j52vm0vgl92g/

Live link to schedule an academic consultation
https://legendcp.com/general-inquiry-form/

SUMMER 2021

Social Sciences Offerings

Social Science courses at Legend College Preparatory are fine tuned to challenge students' critical thinking, reading, and communication skills. They are a powerful addition to any student's course of study as they build an education towards interdisciplinary studies. Whether a student intends on pursuing liberal arts or engineering, the most compelling college candidates are ones who have an education in their domain expertise as well as an understanding of how the world and its people function.

AP Human Geography

Human Geography is the study of how people spatially organize society, with repercussions on the cultural spread of ideas, economic growth, political dealings, identity formation, religious formation, and even linguistic influence. We recommend this course for students as a way of making sense of the world in preparation for advanced social science courses and other interdisciplinary studies. AP Human Geography is a good entry-level AP course for any student to enroll in and counts as a 4th year Social Science credited course for college admissions.

Schedule: Mon/Wed, 9:00am–12:30pm
Prerequisite(s): None; 9th grade level critical reading & writing skills highly recommended
Text: The Cultural Landscape: An Introduction to Human Geography (12th Edition)
Author(s): James Rubenstein
ISBN-13: 978-0-13-427019-7

Cost **$2,499**

African American Studies Honors

This African American studies course is designed to develop an understanding of the causes, character, and consequences of the African American experience and its influence on the world, the United States, and the African American community. The study of that experience will be examined, beginning in Africa, the birthplace of civilization and humanity and will extend to the history of blacks in America. It is impossible to capture each element of the journey, but our analysis will be an interdisciplinary approach to explore some of the political, cultural, economic, artistic and social themes that illustrate the influence of the construction of African American realities in the past and present. Class sessions will be composed of lectures, discussions, exercises, film screenings, media and textual analysis in an online format. **This is a one semester honors course.**

Schedule: Tues/Thurs 1:30pm–5:00pm
Prerequisite(s): None; 9th grade level critical reading & writing skills highly recommended
Text: TBA
Author(s): TBA

Cost **$1,250**

Economics

This is an introduction to Economics as a discipline, making sense of how the world manages resources for production, consumption, and distribution. Students come away with knowledge of how markets function on large and small scales, the role of government policy, and reasoning behind individual decision making.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra I
Text: Krugman's Economics for AP, 2nd Edition
ISBN-13: 978-1464122187

Cost **$2,010**

World History

Themes of environmental relationship, politics, economics, and social structures aroound the world are explored. Students will gain capacity in analysis of primary and secondary sources, reasoning, contextualization, comparison, and argumentative skills as a part of their curriculum.

Schedule: Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): 9th-grade reading level advised

Cost **$2,010**

European History

Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): 9th-grade reading level advised
Text: Civilization in the West, Volume 2 (7th Edition)
ISBN-13: 978-0205556861

Cost **$2,010**

United States History

Explore the American identity through economic, social, political, and international lenses. It is the equivalent of a college-level introductory course covering the time period from 1491 C.E. to the present day. Students will gain capacity in analysis of primary and secondary sources, reasoning, contextualization, comparison, and argumentative skills as a part of their curriculum.

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): 9th-grade reading level advised

Cost **$2,010**

AP Economics

AP Economics consists of AP Macroeconomics (semester 1) and AP Microeconomics (semester 2), which combine together for a year-long course. Economics, as a discipline, makes sense of how the world manages resources for production, consumption, and distribution. Students come away with knowledge of how markets function on large and small scales, the role of government policy, and reasoning behind individual decision making.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra I
Text: Krugman's Economics for AP, 2nd Edition
ISBN-13: 978-1464122187

Cost **$2,499**

AP World History

AP World History is the equivalent of a college-level introductory history course, covering historical periods from 8000 B.C.E to the present. Themes of environmental relationship, politics, economics, and social structures are explored. Students will gain capacity in analysis of primary and secondary sources, reasoning, contextualization, comparison, and argumentative skills as a part of their curriculum.

Schedule: Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): 10th-grade reading level advised

Cost **$2,499**

AP European History

AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): 10th-grade reading level advised
Text: Civilization in the West, Volume 2 (7th Edition)
ISBN-13: 978-0205556861

Cost **$2,499**

AP U.S. History

AP U.S. History explores the American identity through economic, social, political, and international lenses. It is the equivalent of a college-level introductory course covering the time period from 1491 C.E. to the present day. Students will gain capacity in analysis of primary and secondary sources, reasoning, contextualization, comparison, and argumentative skills as a part of their curriculum.

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): World History or equivalent preferred; minimum 10th-grade reading level

Cost **$2,499**

AP Psychology

AP Psychology is a college-level survey of theories of human behavior from a variety of perspectives. Students are expected to demonstrate proficient identification of biological, cognitive, and social factors which shape internal mental processes and external behaviors. These concepts are linked to real-life scenarios, experiments, current research, and the students' everyday lives. Applicable to a wide set of backgrounds, we highly encourage students to add this class to their course of study!

Schedule: Asynchronous OR Synchronous, Mon/Wed, 9:00am–12:30pm
Prerequisite(s): None
Text: Myers' Psychology for AP: 2nd Edition
ISBN-13: 978-1464113079

Cost Asynchronous: **$1,250** **OR** Synchronous: **$2,499**

Live link to the enrollment form
https://legendcp.wufoo.com/forms/z8j52vm0vgl92g/

Live link to schedule an academic consultation
https://legendcp.com/general-inquiry-form/

SUMMER 2021

Language Arts Offerings

One of the goals at Legend College Preparatory is to equip its student body with skilled communicators. This entails a mastery of the English language, understanding and interpretation of a variety of texts, and a richer understanding of American culture.

Literature of the Diaspora (Honors)

This course examines literature from various global communities affected by diaspora, or "the movement, migration, or scattering of a people away from an established or ancestral homeland." By critically reading the artistic expressions of those displaced by war, famine, and religious persecution, our students look inward at the journeys of their families and of their neighbors, with the goal of creating empathetic bridges between communities. Seminal pieces of literature from writers represent a wide range of cultures, creeds, and ethnicities under the umbrella theme of Home: What is home? Why does home matter? Why are some forced to leave their homes? **This is a one semester honors course.**

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): 9th grade Language Arts or equivalent (recommended)
Texts:
Maus I, Art Spiegelman (ISBN-13: 978-1435262355)
The Gangster We Are All Looking For, Le Thi Diem Duy (ISBN-13: 978-0375700026)
White Teeth, Zadie Smith (ISBN-13: 978-0375703867)
The Brief Wondrous Life of Oscar Wao, Junot Diaz (ISBN-13: 978-1594483295)
The Kite Runner, Khaled Hosseini (ISBN-13: 978-1594631931)

Cost **$1,250**

Literature of Social Justice (Honors)

The 243 year history of the United States is unfortunately tainted by racism, classism, and cultural subjugation. This class challenges the aspects history which are often overlooked as a means of understanding the challenges of our current times. Students undergo analyses of art and essays created by those who experienced oppression, who are trying to fix oppression, and those are dedicated to a truly equal future. In reckoning with the fiction and non-fiction of a diverse set of voices, this class aims to inform its students with the goal of their growth as future actors of change. **This is a one semester honors course.**

Schedule: Mon/Wed, 9:00am–12:00pm
Prerequisite(s): 9th grade Language Arts or equivalent (recommended)
Texts:
The Lone Ranger and Tonto Fistfight in Heaven, Sherman Alexie (ISBN-13: 978-0802121998)
There There, Tommy Orange (ISBN-13: 978-0525436140)
Beloved, Toni Morrison (ISBN-13: 978-1400033416)
Their Eyes Were Watching God, Zora Neale Hurston (ISBN-13: 978-0061120060)
The Joy Luck Club, Amy Tan (ISBN-13: 978-0143038092)
Invisible Man, Ralph Ellison (ISBN-13: 978-0679732761)

Cost **$1,250**

Critical Reading & Response Writing

This class will focus on cultivating new tools to use when analyzing complex short stories, novel excerpts, and historical documents. Readings will be provided to you in either hard or soft copies that will be read both in class and out of class. We will be reading from the accepted canon of short stories and literature, but I will also include contemporary writers of various ethnicities, creeds, and beliefs. This class will introduce global texts, and will often be paired by theme, NOT by chronology. This class will be writing centric, and we will practice a variety of techniques that ensure success in writing various forms of essays and articles; additionally, we will practice how to dissect and analyze literature and articles of varying degrees of difficulty and thematic intensity.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Logic and Reasoning or Course Equivalent
Text: Student Binder

Cost **$1,575**

Critical Reading & Research Writing

Critical Reading & Research Writing is a language arts course which teaches skills in understanding, analyzing, and synthesizing data, information, points of view, and arguments. These skills are used by students to formulate positions or advance knowledge of their own.

Schedule: Mon/Wed, 9:00am–12:30pm
Prerequisite(s): Critical Reading & Response Writing or course equivalent

Cost **$1,675**

Critical Reading, Persuasion & Presentation

Students read, analyze, and discuss the elements of what makes a good persuasive presentation, how these are reflected in famous written speeches, and how they are delivered in terms of their rhetorical elements. They examine one or more controversial topics, looking at the opposing viewpoints and the supporting evidence presented. Students develop and perfect their critical reading, writing, and presentation skills by summarizing these sources of information, taking a position and stated their argument, selecting the details to support their argument, then presenting it, taking into consideration opposing viewpoints. Students will research, write, and present between two and four persuasive essays during this class.

Schedule: Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): Research Writing or equivalent

Cost **$1,675**

AP English Language & Composition

AP English Language & Composition prepares students for college-level content in reading, writing, reasoning, argumentation, and presentation. Students must analyze a variety of topics and material to synthesize ideas, form positions, and provide reasoning and support for conclusions. All students are encouraged to develop their own voice through style, nuanced used of language, and rhetoric.

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): 10th grade Language Arts or equivalent

Cost **$2,499**

AP English Literature & Composition

AP English and Literature Composition teaches critical analysis of literature through understanding structure, theme, style, symbolism, and more. Works of different genres and periods are used in this course to challenge students in thought and discussion with the reward of grasping deeper meaning in the material. Moreover, these texts serve as a basis for understanding historical and social contexts which have cultural implications for our world today. AP English and Literature Composition is for the student who wants to grow not just their reading and writing skills, but their capacity to absorb complex ideas as a part of a mature course of study in high school.

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): 10th grade Language Arts or equivalent

Cost **$2,499**

> Live link to the enrollment form
> https://legendcp.wufoo.com/forms/z8j52vm0vgl92g/
>
> Live link to schedule an academic consultation
> https://legendcp.com/general-inquiry-form/

SUMMER 2021

Electives Offerings

Our electives are for those who are determined to rise above the rest. These students set goals, build projects, research, and take time to create tangible results that show the world how serious they are. Legend College Preparatory also offers credited prep courses for programming certification tests. See our course listings below for what we have in store for you this summer!

Introduction to Java Programming

This course will provide an overview to basic concepts and techniques of programming in Java, a high-level, object-oriented language. We will focus on the fundamental areas of software development: syntax, control-flow mechanisms, keyboard and mouse interactions, file i/o, object modeling, and debugging. Through a series of practical exercises, students will be introduced to the basic concepts of Object-Oriented programming, to the fundamentals of the Java language and to some of the more common Java libraries from the core Java API. By the end of the course, students will be able to implement and debug small Java programs and will be prepared for further programming courses.

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): Algebra I
Requirements: Laptop required. Parents will receive an email on necessary setup prior to the first day of class. There is no textbook for this course as the teacher will provide materials.

Cost **$2,010**

AP Computer Science A

This course serves both as a second-level course in Java programming and as an introductory course for students who will major in disciplines that require significant involvement with computing. While a previous course in computer programming is not a prerequisite, this class is quite challenging and such a class is highly recommended. Topics include program design and implementation, algorithm analysis, standard data structures, and object-oriented programming design. AP Computer Science in Java emphasizes programming methodology with an emphasis on problem solving and algorithm development.

Schedule: Tues/Thurs, 9:00am–12:30pm
Prerequisite(s): Introduction to Java or equivalent experience
Text: Java Methods A and AB, AP Edition, by Maria Litvin and Gary Litvin ISBN 978-0972-7055-78
Requirements: Laptop

Cost **$2,499**

AP Computer Science Principles

Students will learn the general principles of computer science by connecting the impacts of computing on people and society. Information, data analysis, and knowledge are presented in an abstracted manner for the purposes of problem solving. Skills learned will include the communication of justification and reasoning for design and solution implementation, analysis of algorithms, testing/debugging methods, and coming to conclusions to trends from data.

Schedule: Mon/Wed, 9:00am–12:30pm
Prerequisite(s): None
Text: Computer Concepts 2018;
ISBN-13: 978-1-305-95149-5

Cost **$2,499**

Intro to Algorithms Honors

This course teaches techniques for the design and analysis of efficient algorithms, emphasizing methods useful in practice. Topics covered include: sorting; search trees, heaps, and hashing; divide-and-conquer; dynamic programming; amortized analysis; graph algorithms; shortest paths; network flow; computational geometry; number-theoretic algorithms; polynomial and matrix calculations; caching; and parallel computing. **This is a one semester course.**

Schedule: Mon/Wed, 1:30pm–5:00pm
Prerequisite(s): Algebra II (required); Introduction to Java Programming (required);
AP Computer Science (preferred)
Text: Introduction to Algorithms by Thomas H. Cormen and Charles E. Leiserson 3rd edition
ISBN 0262033844

Cost **$1,375**

Introduction to Biomedical Engineering

This course is designed for students interested in a future career in Biology, Medicine, or Engineering applied to Biological Sciences. It is intended as a broad overview of various topics which students will need to be familiar with as they consider their future goals and interests and is meant to allow students to explore important ideas, concepts, and principles which are of particular relevancy for Biomedical Engineering. In particular, students will be introduced to the history of Biomedical Engineering, Ethical Issues in Biology and Medicine, Basics in Anatomy and Physiology, Biomechanics, Biomaterials, Bioinstrumentation, Bioelectric Systems, and Bioinformatics. **This is a one semester course.**

Schedule: Tues/Thurs, 1:30pm–5:00pm
Prerequisite(s): Algebra II/Trig; AP Biology; Chemistry Honors
Text: Introduction to Biomedical Engineering by John D. Enderle, Joseph D. Bronzino, Susan M. Blanchard 2nd Edition

Cost **$1,375**

Live link to the enrollment form
https://legendcp.wufoo.com/forms/z8j52vm0vgl92g/

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SUMMER 2021

Foreign Languages Offerings

Spanish 1

Schedule: Mon/Wed, 9:00am–12:30pm
Textbook: Realidades 1
ISBN-13: 978-0133691726

Cost **$1,575**

Spanish 2

Schedule: Mon/Wed, 1:30pm–5:00pm
Textbook: Realidades 2
ISBN13: 9780133691733

Cost **$1,675**

Spanish 3

Schedule: Tues/Thurs, 1:30pm–5:00pm
Textbook: Realidades 3
ISBN 13: 9780133691757

Cost **$2,010**

AP Spanish

Schedule: Tues/Thurs, 9:00am–12:30pm

Textbook:
TEMAS Vista Higher Learning
ISBN-10: 1618572229
ISBN-13: 978-1618572226

AND

5 Steps to a 5:
AP Spanish Language & Culture

Cost **$2,499 per semester**

Chinese 3

Schedule:

Mon
6:15pm–8:15 pm

OR

Wed
4:00pm–6:00 pm

OR

Sat
3:30pm–5:30pm

Textbook: Coming soon!

Cost **$2,010 per semester**

Chinese 4

Schedule:

Tue		**Thurs**
6:15pm–8:15 pm	**OR**	4:00pm–6:00 pm

Textbook: Coming soon!

Cost **$2,499 per semester**

AP Chinese

Schedule: Sat, 3:30pm–5:30pm

Text: Strive for a 5 AP* Practice Text, Chinese, Practice Book	**AND**	**Text:** Integrated Chinese 4E, Vol 4, ChengTsui Web App

Cost **$2,499 per semester**

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>
> **Live link to schedule an academic consultation**
> https://legendcp.com/general-inquiry-form/

Don't see a course you want to take? Send us a request and we'll try our best to accommodate all of the requests. Inquire for more information at **408.865.0366** or email us at **office@legendcp.com**

Contact us for a consultation! Call us at **408.865.0366** or send an email to **office@legendp.com**