



**SUMMER SCHOOL
PROGRAMS**

CURRICULUM GUIDE 2018



REGISTRATION INFORMATION..... 1

FOR-CREDIT COURSES 2

ARTS 2

AI70 Introduction to Photography.....2

ENGLISH..... 2

Shakespeare *Live!*.....2

HISTORY 3

H100 World History: The Human Web3

H300 United States History3

LANGUAGES 3

L150 Spanish I3

MATHEMATICS..... 4

M210 Algebra II4

M400 Precalculus4

M542 Computer Science I.....5

SCIENCE 5

S100 Biology5

S200 Physics.....6

NON-CREDIT COURSES..... 6

COLLEGE COUNSELING..... 6

ACT Prep6

Applying to College 1017

The College Application Essay.....7

SAT Prep8

SERVICE LEARNING..... 8

Service Learning Experience8

SKILL BUILDING 8

9th/10th Grade Writing8

9th/10th Grade Literature9

REGISTRATION INFORMATION

- Registration for current Lakeside students and children of Lakeside alumni begins **Thursday, February 1**.
- Financial Aid is available on a first-come-first-served basis. Apply as soon after registration as possible for best consideration. **Current Lakeside families:** If your family receives school-year aid, you will automatically be considered for assistance. Lakeside families not receiving school-year aid must complete the entire Financial Aid application.
- The link to registration and financial aid materials are online at: <https://www.lakesideschool.org/summer/>
- The Summer School Programs office is available by emailing SummerSchool@lakesideschool.org or calling (206)440-2700.
- The application and registration process for students who do not currently attend Lakeside begins on **Thursday, March 1**.
- Classes are not in session on Wednesday, July 4 in observance of Independence Day. **Students are expected to be in class every other day of that week.**
- **Attendance Policy:**

It is critical for students to attend class and be on time every day in a summer course. Therefore, the only excused absences granted will be for illness or an unexpected, significant situation. All other absences will be unexcused and may result in academic consequences including, but not limited to, grade penalties. Planned absences, such as missing class for a family trip, an appointment, or a sports tournament, are not permitted. Three unexcused absences in a six-week course or two unexcused absences in a three-week course will result in a failing grade on the student's transcript. Please note that regular and/or significant late arrivals to class will be considered unexcused absences.
- **Homework Policy:**

Because of the importance of all students being ready to fully participate in class, the following will apply to all students:

If a student comes to class unprepared (did not attempt all homework), that student will be given a warning and will be expected to complete the missed assignment for the next day. The second time that a student comes to class unprepared, that student will be excused from class immediately and sent to the Summer School Programs director's office. Except in the rarest of instances, the student will be dropped from the class and no refund will be awarded to the family. For classes that award credit and record a grade, no credit will be given and a failing grade will be noted on the transcript.

FOR-CREDIT COURSES

Please note: Classes will not be held on Wednesday, July 4.

ARTS

A170 Introduction to Photography

Photo I is designed to expose students to the creative and technical aspects of photography while establishing a foundation in the visual arts. Students work with both black and white film and digital cameras, building skills behind the camera, in the darkroom, and with digital imaging tools. Students will gain a solid grounding in camera controls and printmaking while learning to appreciate the role that composition, design, color and light play in the visual arts. Students will have an opportunity to exhibit and showcase their photographs and learn to use digital tools for archiving and sharing their artwork. Film and printing supplies are provided by the school. Some cameras may be available for students to borrow, although they may prefer their own cameras.

This course requires students to have a 35mm single lens reflex film camera; one which allows you to adjust aperture and shutter speed.

Prerequisites: None

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895, *includes materials fees*

ENGLISH

Shakespeare Live!

Four hundred years after Shakespeare penned and performed his plays in Stratford-upon-Avon and London, actors and directors continue to take them from the page to the stage in venues around the world. Here in Seattle, summers are filled with live performances at city parks, and already the Seattle Shakespeare Company's yearlong schedule of performances is attracting attention. In this senior elective we will take full advantage of local live performances and various film versions of the comedies, histories, and tragedies we study together. With the help of local actors and directors, we'll go behind the scenes to better understand how plays we read in English classrooms as the apotheosis of literary merit were always intended for performance. Even as we enjoy and appreciate Shakespeare's dazzling eloquence, we'll see how so many of his plays remain relevant to our own contemporary world and to the human condition across eras and cultures.

Prerequisites: Open to students entering grades 11 and 12 only.

Course Dates/Time: July 16 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 0.5 (semester), counts as either a fall or spring senior year elective

Tuition: \$950

HISTORY

H100 World History: The Human Web

How did the world get so connected? To what end has power been used by individuals, empires, and groups of people? This is a survey of the formative events, ideas, and conditions of the world from the rise of Islam to the age of Enlightenment (from the eighth to 18th centuries). Using project-based learning as our strategy, students will practice the skills necessary for successful historical inquiry: critical reading of a variety of sources; cogent analytical writing; participating successfully in class discussions; engaging in substantive research; and speaking persuasively.

Prerequisites: None

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895

H300 United States History

This yearlong course provides students with a foundation for understanding the modern United States in all of its complexity. It also provides a foundation for active citizenship, exploring themes of power, the establishment of a republican form of government, and the intersection of politics and economics. The course is built around essential questions in the study of United States history, such as how foreign policy has changed over the past two centuries. Writing is an important feature of the offering and students will engage in both historical analysis and research projects.

Prerequisites: The Human Web (H100), The Modern World and You (H200)

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895

LANGUAGES

L150 Spanish I

Introduction to Spanish language and culture. This class employs a communicative methodology to introduce students to the Spanish language. The classroom is highly interactive and taught entirely in the target language. Grammar and vocabulary are taught in the context of the personal experience of the students. In the first year of beginning Spanish, students learn the following communicative tasks: talking about themselves, others, and their friends and family; requesting and giving information; expressing likes, dislikes, and preferences; describing and comparing cities and places; making recommendations and giving advice; and giving instructions. Concepts around cultural competence are introduced at this level. Students also work with authentic cultural materials, such as art, poetry, short literary texts, and at least one film.

Prerequisites: None

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895

MATHEMATICS

M210 Algebra II

The course focuses on the analysis of functions and their applications while introducing students to a variety of topics in discrete mathematics. After exploring the algebraic, graphical, and numerical properties of general functions, specific types of functions will be examined from these perspectives. The course will examine each of the following families of functions: linear, quadratic, exponential, polynomial, logarithmic, rational, and trigonometric. Additional topics in discrete mathematics such as statistics, matrices, sequence and series, combinatorics, and probability will give students the tools to analyze interesting, highly relevant problems. Both computers and graphing calculators will be used extensively throughout the course. Students will also learn dynamic spreadsheets to further their understanding of the mathematical concepts.

Prerequisites: Algebra I (M110)

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895

M400 Precalculus

The focus of Precalculus is on the concept of function and the use of functions as mathematical models. Topics necessary for success in either a calculus or a statistics course (including conic sections, regression techniques, trigonometry, and limits) will be studied. Students should anticipate some review of material from previous courses as a bridge toward more advanced understanding. Topics in computer programming including variables, expressions, scripts, conditional, loops, and functions will be reviewed and used regularly to explore mathematical content.

Prerequisites: Algebra I (M110), Algebra II/Trigonometry (M210) and Geometry (M300)

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895

M542 Computer Science I

This course is open to all students with little or no programming experience who want to go beyond just using computer applications. Computer Science I is an introduction to how computers work and how to write software. High technical expertise is not required, only an open mind and a willingness to experiment, explore, and have some serious fun. The course will focus on the fundamentals of programming through projects involving interactive graphics and games (Scratch, Lau, or Python), animation and art (Processing). Additional possible areas of study include data science and/or robotics. This course is designed as an introductory experience for students who are curious about computers and programming, but who have limited or no formal training.

Prerequisites: None

Course Dates/Time: July 16 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 0.5 (semester)

Tuition: \$950

SCIENCE

SI00 Biology

As Lakeside's introductory science course, Biology provides students an initial opportunity to become familiar with science as a way of thinking. Students will learn to collect, analyze, and interpret information, as well as how to effectively communicate scientific concepts. Student-focused discussions, exploratory activities, and laboratory exercises are designed to enhance scientific literacy. The course covers major topics in biology such as cell theory, biochemistry, genetics, ecological principles, and evolution. Students will spend one week at IslandWood on Bainbridge Island immersed in their studies and doing field research.

Prerequisites: None

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

IslandWood experience: July 15 - 19

Credit Earned: 1.0 (yearlong)

Tuition: \$3,125, *includes IslandWood costs*

S200 Physics

This laboratory-based course is an introduction to the physical world. Subject matter is broken into four units. Unit One discusses waves, sound, and light. Unit Two includes kinematics, Newtonian laws, impulse, and momentum. Unit Three involves energy and circular motion. Unit Four discusses fields, electricity, and magnetism. During each unit students will apply their reasoning, algebra skills, and knowledge of physical concepts to real-world situations. These concepts are developed through lecture and discussion, demonstrations, laboratory work, and unit projects.

Prerequisites: Completion of Biology and completion of Algebra II or Honors Geometry. Open to students entering grades 10, 11 and 12 only.

Course Dates/Time: June 25 – August 3; 8:30 a.m. – 12:30 p.m.

Credit Earned: 1.0 (yearlong)

Tuition: \$1,895

NON-CREDIT COURSES

Please note: classes will not be held on Wednesday, July 5.

COLLEGE COUNSELING

ACT Prep

This two-week course will be taught by professionals from Applerouth Tutoring Services. The course will focus on all four sections of the ACT and will be dynamically tailored to meet the needs of individuals and the group. The curriculum includes math and grammar content alongside strategies for reading, writing, math, science, and the essay. Students will learn how to manage their attention, working memory, and other mental resources to approach the test methodically and consistently. The course will provide a variety of opportunities to practice these strategies through classwork, homework, and two full-length practice tests using official materials. Every student will receive two books: one official book of ACT practice tests and Applerouth's own Guide to the ACT.

Prerequisites: Open only to students entering grades 11 or 12.

Course Dates/Time: 8:30 – 11:30 a.m. (Class on the first and last day of the session will run until 1:00 p.m. to accommodate students taking a practice test)

Session I: July 2 – 13

Session II: August 6 – 17

Credit Earned: None

Tuition: \$850

Applying to College 101

This week-long workshop is designed to help students from the Seattle area begin the college application process. Working with a counselor from the Lakeside School college counseling office, students will be given strategies to create college lists, to find information about specific colleges, to complete college applications, and to write a college application essay. By the end of the workshop, students who fully participate in the class will have a solid sense of the work that they will need to do to apply to college and will have started the process of writing their college essay.

Prerequisites: Open only to students entering grade 12 who do not attend Lakeside.

Course Dates/Time: July 9 – 13; 9:30 – 11:30 a.m.

Credit Earned: None

Tuition: \$525

The College Application Essay

Ever wonder what admissions officers really look for in a personal statement? This week-long course focuses on brainstorming, drafting, and revising the college application essay. Intended for rising seniors who want to devote a full week to writing their essay, this course offers students support and guidance through what can be an intimidating enterprise. Class activities may include guided writing, brainstorming activities, discussions, and editing workshops. By the end of the week, students who participate fully should have a strong draft of their personal essay completed.

Prerequisites: Open only to students entering grade 12.

Course Dates/Time:

Session I: June 25 – 29; 9:30 – 11:30 a.m.

Session II: July 16 – 20; 10:30 a.m. – 12:30 p.m.

Credit Earned: None

Tuition: \$525

SAT Prep

This two-week course will be taught by professionals from Applerouth Tutoring Services. The course will focus on all three sections of the SAT and will be dynamically tailored to meet the needs of individuals and the group. The curriculum includes math and grammar content alongside strategies for reading, writing, math, and the essay. Students will learn how to manage their attention, working memory, and other mental resources to approach the test methodically and consistently. The course will provide a variety of opportunities to practice these strategies through classwork, homework, and two full-length practice tests using official materials. Every student will receive two books: one official book of practice tests (College Board Study Guide) and Applerouth's own Guide to the SAT.

Prerequisites: None. Open only to students entering grades 11 or 12.

Course Dates/Time: 8:30 – 11:30 a.m. (Class on the first and last day of the session will run until 1:00 p.m. to accommodate students taking a practice test)

Session I: July 9 – 20

Session II: August 6 – 17

Credit Earned: None

Tuition: \$850

SERVICE LEARNING

Service Learning Experience

Using the city as our palette, students will work alongside local non-profit agencies to make a measurable impact on our community. We will start the week learning definitions of home, house, poverty, homelessness, Fair Housing Act and more so the students have the foundation to communicate what they will be experiencing and doing. It will expose students to the larger city community that often is not experienced in their day to day interactions with friends and neighbors. Potential service-learning projects include: preparing a shelter for its nightly clients; putting in sweat equity on a home being built by Habitat for Humanity; sorting and packing rescued food at a food bank; or refurbishing appliances and building materials for subsidized housing.

Prerequisites: Students must be 16 by June 25 to register.

Course Dates/Time: June 25 – 29; 8:30 a.m. – 4:00 p.m.

Credit Earned: This is an ungraded course earning approx. 25 service hours.

Tuition: \$325

SKILL BUILDING

9th/10th Grade Writing

This course will provide training in different modes of writing, particularly analytical writing, to help students at the freshman and sophomore level. Special attention will be paid to critical thinking, organization, clarity, proper use of grammar and punctuation, and citation protocol. Students will study various short works of literature (stories, poems, plays, and essays) to orient writing tasks and will engage in conferencing as well as peer-editing workshops to work through various drafts.

Prerequisites: None. Open to students entering grades 9 and 10 only.

Course Dates/Time: 8:30 – 10:30 a.m.

Session I: June 25 – July 13

Session II: July 16 – August 3

Credit Earned: None

Tuition: \$750

9th/10th Grade Literature

We grow up hearing, reading, telling, and writing stories; indeed, some of our favorite and most formative memories are tied to the stories of our childhoods. The central premise of this class is that good writers are necessarily good readers, and with this in mind, we will read a great deal of published short fiction together, placing a strong emphasis on issues of craft. The class will be reading as writers rather than as literary critics, examining choices writers make for their stories about their characters, plot, point of view, setting, style, structure, tone, and so forth.

Prerequisites: None. Open to students entering grades 9 and 10 only.

Course Dates/Time: June 25 – July 13; 10:30 a.m. – 12:30 p.m.

Credit Earned: None

Tuition: \$750