

LOYOLA HIGH SCHOOL OF LOS ANGELES JESUIT PREPARATORY



SUMMER SESSION COURSE CATALOG 2023

June 19th – July 14th

For updated information, please check our website: www.loyolahs.edu > [Academics](#) > [Summer Session](#)
Registration materials will be available online.

**GENERAL INFORMATION
LOYOLA HIGH SCHOOL
1901 Venice Blvd.
Los Angeles, CA 90006
213-381-5121 ext.1202**

Loyola High School of Los Angeles Summer Session offers a comprehensive and innovative course of study for young **men and women** entering the **sixth through twelfth grades** in the fall. Now in its sixty-third year of successful operation, the four-week summer curriculum is designed to reinforce the fundamental concepts, attitudes, and skills necessary for academic success in a variety of subject areas. In addition, Loyola's summer session provides opportunities for participation in and development of co-curricular skills. The summer program is designed to combine serious academic study and physical activity with a relaxed social atmosphere. Our desire is that your son or daughter will find the summer session to be an enjoyable learning experience.

On behalf of the summer session faculty and staff, we hope you have a great experience and look forward to you joining the Loyola High School community.

Mrs. Judy Dell'Amico, Director of Summer Session
Mr. Chris Walter '93, Assistant Director of Summer Session
Dr. Evelyn Mabra, Dean of Summer Session
Mrs. Alexandra Kimball, Summer Session Administrative Assistant

2SCHEDULE

Period 0:	7:10 - 8:25 a.m.
Period 1:	8:30 - 9:45 a.m.
Recess:	9:45 - 10:05 a.m.
Period 2:	10:10 - 11:25 a.m.
Lunch:	11:25 - 11:55 a.m.
Period 3:	12:00 - 1:15 p.m.
Period 4:	1:25 - 2:40 p.m.

023 SUMMER SESSION KEY DATES

April 17	Online registration opens
May 31	Online registration deadline (No refunds after this date.)
June 19 - July 14	Summer session classes meet
July 3 and 4	Summer session holidays

CONTACT INFORMATION

Loyola High School Summer Session
1901 Venice Blvd.
Los Angeles, CA 90006
213-381-5121 ext.1202

The main office is open from 7:00 a.m. – 3:00 p.m. during the summer session.

For questions, email summerquestions@loyolahs.edu
or please call

Mrs. Alexandra Kimball, Summer Session Administrative Assistant, Extension 1202
Ms. Jenavi Hernandez, Main Office Administrative Assistant, Extension 1220
Mrs. Barbara Jamison, Principal Administrative Assistant, Extension 1207
Mrs. Rosie Morales, Registrar, Extension 1208

To report an absence or tardy:
Dean's Office, Extension 1212

ENROLLMENT

- Most classes have a limited enrollment. Classes will be scheduled according to class and period availability on a first-come, first-served basis.
- The school reserves the right to cancel any course that does not meet minimum enrollment. You will be contacted if a class is canceled or closed and will be offered a new class or will be given a full refund.
- Unless otherwise noted, all classes receive 2.5 semester units (equivalent to ½ semester of credit).

REGISTRATION

- Registration will open on April 17, 2023, and must be completed online by May 31, 2023.
- The cost for most courses is \$525.00 per class.

REFUNDS

- Tuition is refundable on or before May 31, 2023, minus a nonrefundable \$75.00 registration fee per class.
- Budgeting commitments must be made prior to the opening of summer session; therefore, the school will **not** refund tuition for withdrawals after **May 31, 2023**.

CLASS CHANGES

- The last day to make any class changes will be Wednesday, June 21, 2023.

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ATHLETIC COURSES

AFTERNOON SPORTS PROGRAM

Department: Athletic

Open to: 6th-8th grades

Period: 4

Length: 4 weeks

Tuition: \$525

This **recreational** sports program uses Loyola's gym, field, and pool. The activities include basketball, softball, over-the-line, whiffle ball, dodgeball, swimming (girls are required to wear a one-piece bathing suit), soccer, flag football, and other games. Tuition includes a \$5.00 fee for a lock to be used in securing the student's personal belongings in a gym locker. **NOTE:** This offering is not a skills class. The focus is to have the students participate in a variety of recreational activities.

BASEBALL

Department: Athletic

Open to: 6th-8th grades

Period: 2 or 3

Length: 4 weeks

Tuition: \$525

This course is designed to teach each player the fundamentals of baseball. Skills such as hitting, fielding, pitching, catching, and baserunning will be covered. More intricate lessons of the game suitable for middle school-aged students and beyond will also be taught. Each player will need to provide his or her own baseball glove, shoes, pants, hat, helmet, and bat. The course will include instruction where the fundamental principles will be introduced, including but not limited to, introduction of the steps of the throwing program, basis of proper batting technique, fundamentals of the pitching motion, and defensive techniques (i.e. footwork, communication, situations). This will be combined with on-field time where the student can put these principles to work.

BASKETBALL

Department: Athletic

Open to: 6th-8th grades

Period: 1 or 2

Length: 4 weeks

Tuition: \$525

This course is designed to instruct each student in the basics of basketball. Areas that will be covered include passing, dribbling, shooting, movement with the ball, defensive skills, and teamwork.

FLAG FOOTBALL

Department: Athletic

Open to: 6th-8th grades

Period: 2

Length: 4 weeks

Tuition: \$525

This course is designed to instruct each student in the basics of flag football. Skills that will be covered are blocking, passing, and receiving. Offensive instruction will include formations, plays, and techniques. Defensive instruction will include run defense, pass defense, alignments, and techniques. The class will benefit players of any skill level. Each student will need to provide his/her own cleats.

GOLF FUNDAMENTALS

Department: Athletic

Open to: 6th-8th grades

Period: 1

Length: 4 weeks

Tuition: \$525

Golf Fundamentals focuses on the golf swing, including an emphasis on grip, alignment, ball position, and posture (GAPP). Other areas of attention include chipping and putting basics, as well as an in-depth understanding and appreciation for the history of golf and rules of golf as governed by the USGA. The class will meet on Hernandez Field where fundamentals will be taught; then, students will put their knowledge into practice by hitting and chipping into nets, putting on portable greens, and using swing training aids to build core strength and muscle memory. We will also use some advanced technology to analyze golf swings with digital feedback. Although a general understanding of golf is preferred, the class is open to players of any ability. The class is limited to 16 participants in order to maximize one-on-one instructional time. Each student will need to provide his/her own clubs. No need to worry about transporting your golf bag, lockers are available for daily club storage.

SOCCER

Department: Athletic

Open to: 6th-8th grades

Period: 1 or 2

Length: 4 weeks

Tuition: \$525

This course will focus on developing the players' skills, no matter what level the players currently are. Along with developing and improving skills of the game, the class will work on the tactical part of the game by playing games and by doing different fun activities to simulate game situations. This class, coached by Loyola soccer coaches, is designed for players of any skill level from top club players to beginners. Players will be able to take what they have learned in the class and continue to work on their skills even after the class has completed. If you want to learn about the game and improve your skills in a fun-filled environment, this class is for you. Each student will need to provide his/her own cleats and shin guards.

SWIMMING

Department: Athletic

Open to: 6th-8th grades

Period: 2

Length: 4 weeks

Tuition: \$525

This course is designed for all students who desire instruction and practice in various swimming strokes, lifesaving techniques, and endurance swimming, regardless of previous swimming experience. Both first-time and experienced swimmers are welcome, and all students will progress. Each student must have his/her own bathing suit. Coaches will be on deck to give group instruction as well as personal one-on-one attention to the students. We look forward to seeing you on the pool deck!

TRACK AND FIELD

Department: Athletic

Open to: 6th-8th grades

Period: 0

Length: 4 weeks

Tuition: \$525

This course is designed to teach the fundamentals of track and field. Events covered are the pole vault, discus, shot put, high jump, long jump, triple jump, hurdles, and all running events. Students will participate in drills relevant to each event, and instructional videos will be used. Running or track shoes are required.

WATER POLO

Department: Athletic

Open to: 6th-8th grades

Period: 3

Length: 4 weeks

Tuition: \$525

This course teaches the basic skills associated with the game of water polo. The course is designed for all students regardless of experience. Students receive instruction in skills such as dribbling, passing, and shooting. Students will also learn the basic tactics of the game of water polo. Both first-time and experienced players are welcome, and all students will progress. Coaches will be on deck to give group instruction as well as give personal one-on-one attention to the students. Each player must have his/her own bathing suit. We look forward to seeing you on the pool deck!

WEIGHT TRAINING AND CONDITIONING

Department: Athletic

Open to: 9th-12th grades - **Loyola Students Only**

Period: 1, 2, 3, or 4

Length: 4 weeks — Classes begin on June 19th. Classes will meet on Monday, Wednesday, and Friday.

Registration Tuition: \$445

This successful program is open to **Loyola students only** and should be considered a **MUST** for **ALL** incoming freshmen, **ESPECIALLY** those who intend to participate in sports. The class will cover all facets of athletic performance training and will help students foster the physical and mental discipline necessary to excel both as a student and a student-athlete at Loyola. Students will use Loyola's Pernecky Weight Room facility and Bob Smith Field. Weight Training and Conditioning is a four-week class. Classes begin on June 19th, end on July 14th, and meet on Monday, Wednesday, and Friday.

**** This class can be taken with the T/TH Cub Year One (CY1) course.**

If your son is an incoming Freshman or a Transfer student:

You **MUST** have a physical form turned into Mr. Moscicki before you are allowed to participate in the summer weight training and conditioning class. Information about the physical and other student health requirements can be found at: <https://www.loyolahs.edu/life/student-health/>. All questions in regards to student health requirements/issues can be directed to Mr. Moscicki at tmoscicki@loyolahs.edu.

COLLEGE PREPARATION COURSES

COLLEGE APPLICATION ESSAY WORKSHOP

Department: College Preparation

Open to: 12th grade - **Loyola Students Only**

Periods: 1 and 2

Length: 8:30 a.m.-11:25 a.m. during **one** of the following three weeks:

Week 0-June 12-16 (****Session 1**)

Week 1-June 19-23 (****Session 2**)

Week 2-June 26-30 (****Session 2**)

Registration Tuition: \$400

The College Application Essay Workshop is a one-week intensive workshop **open only to Loyola High School rising seniors**, which focuses specifically on crafting effective draft essays for both the UC and Common Application prompts. These workshops will be run by the Loyola counseling staff with college admissions representatives as guest speakers. This class has limited spots in order to maximize one-on-one instructional time.

COLLEGE APPLICATION ESSAY WORKSHOP

Department: College Preparation

Open to: 12th grade - **Loyola Students Only**

Periods: 3 and 4

Length: 12:00 p.m.-3:00 p.m. during **one** of the following three weeks:

Week 0-June 12-16 (****Session 1**)

Week 1-June 19-23 (****Session 2**)

Week 2-June 26-30 (****Session 2**)

Registration Tuition: \$400

The College Application Essay Workshop is a one-week intensive workshop **open only to Loyola High School rising seniors**, which focuses specifically on crafting effective draft essays for both the UC and Common Application prompts. These workshops will be run by the Loyola counseling staff with college admissions representatives as guest speakers. This class has limited spots in order to maximize one-on-one instructional time.

COLLEGE APPLICATION ESSAY WORKSHOP - ONLINE

Department: College Preparation

Open to: 12th grade - **Loyola Students Only**

Periods: Evenings (**Online**)

Length: 6:00 p.m.-8:55 p.m. during **one** of the following three weeks:

Week 0-June 12-16 (****Session 1**)

Week 1-June 19-23 (****Session 2**)

Week 2-June 26-30 (****Session 2**)

Registration Tuition: \$400

The College Application Essay Workshop is a one-week intensive workshop **open only to Loyola High School rising seniors**, which focuses specifically on crafting effective draft essays for both the UC and Common Application prompts. These workshops will be run by the Loyola counseling staff with college admissions representatives as guest speakers. This class has limited spots in order to maximize one-on-one instructional time. ***This session meets online in the evenings from 6:00 p.m. – 8:55 p.m. Students must have a working webcam and microphone.**

CUB YEAR ONE (CY1) COURSE
Mandatory/Requisite Course

Department: Orientation Program

Open to: 9th grade - Loyola Students Only

Period: 0, 1, 2, 3, or 4

Length: 4 weeks-- Class begins on June 20th and meets on Tuesdays and Thursdays only.

Registration Tuition: \$0

Beginning a new educational journey can be exciting and a bit overwhelming. Transitions from middle school to high school present both opportunities for growth and some unique challenges. Cub Year One (CY1): First Year Foundations is our comprehensive orientation class, designed to help incoming students (frosh and transfers) to be successful in their first-year of Loyola and beyond.

At the core of our formation is the care for the whole person--*cura personalis*. This central tenet animates every aspect of a Loyola experience. We are committed to the overall development of each Cub--mental and physical health, spiritual growth, academic attainment, and in the cultivation of a global citizen. For that reason, the CY1 curriculum aims to provide each student with some preliminary technological skills, an introduction to our Ignatian identity, and a jumpstart into academic and co-curricular life at Loyola.

CY1 is mandatory for all first-year students (frosh and transfers); the summer formation will take place during Summer Session and our traditional orientation week. Each cohort will also meet with their CY1 facilitators throughout the school year during a monthly advisory period. **AS CY1 IS A REQUISITE CLASS, ANY STUDENT WHO MISSES THREE OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS.**

CY1 requires that each student brings a laptop to every class, ideally his required MacBook computer for the school year. [Please see https://www.loyolahs.edu/studentlife/technology/technology-program/](https://www.loyolahs.edu/studentlife/technology/technology-program/) for required specifications. If students do not have their requisite Loyola MacBook, any laptop will work for the purposes of the class.

**** This class can be taken with M/W/F Weights**

ENGLISH COURSES

CREATIVE WRITING

Department: English

Open to: 6th-8th grades

Period: 2

Length: 4 weeks

Tuition: \$525

This course enables students to explore their own creative writing talents, allowing them to discover their own writers' voices while writing short fiction, poetry, and drama. Using reading, writing, and arts & crafts, this class will not only unlock a student's capacity to write but also will tap their creative ability to problem solve and think innovatively. All student work is collected and shared via an online literary magazine.

ENGLISH 6/7

Department: English

Open to: 6th-7th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is designed to develop, strengthen, and improve areas in vocabulary, reading, writing, speaking, and comprehension. Lessons are broadened to meet the learning needs of those wanting to be challenged, those who need or want to make improvements, or for remediation. Focus areas include Standard English grammar: parts of speech, verbal skills, basic punctuation, sentence structure, and composition with an emphasis placed on vocabulary development. The daily lessons integrate small group instruction, educational video clips, and on-line resource sites. This course is for any student who wants to strengthen his or her English potential. Every year this course alternates textbooks; thus, allowing for students to take this course for two years.

ENGLISH 8

Department: English

Open to: 8th grade

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is designed to prepare students for the English section of the Catholic High School Entrance Examination (HSPT). Emphasis is placed on developing verbal skills relevant to the entrance examination: vocabulary building, synonyms, antonyms, analogies, sentence completion, verbal logic, reading comprehension, grammar, spelling, basic punctuation, and composition. Diagnostic and practice tests will be given to assess understanding and progress.

ENGLISH 9

Department: English

Open to: 9th grade

Period: 1 or 2

Length: 4 weeks

Tuition: \$525

This course is designed for students who need to improve their English grammar and writing skills before entering high school. Students will review vocabulary, basic grammar, basic writing skills, and paragraph unity and coherence. Students will also write short critical analyses, based on their reading of short fiction. **THIS IS NOT THE SUMMER READING CLASS.**

INTRODUCTION TO SPEECH AND DEBATE

Department: English

Open to: 8th-10th grades

Period: 1

Length: 4 weeks

Tuition: \$525

In this class, students will be introduced to the two primary forms of debate used in interscholastic speech and debate tournaments: Lincoln-Douglas Debate and Public Forum. The course will focus on research skills, public speaking, and rhetorical methods. Each student will participate in a number of practice debates as part of the class. This course is ideal for those wanting to compete on the Loyola Speech and Debate Team.

PUBLIC SPEAKING

Department: English

Open to: 7th-8th grades

Period: 2 or 3

Length: 4 weeks

Tuition: \$525

This course introduces students to one of the most important life skills: oral communication. Activities will include: exercises in handling stage fright, vocal and kinetic exercises, and impromptu, interpretive, and original speeches.

READING COMPREHENSION STRATEGIES

Department: English

Open to: 7th-8th grades

Period: 1 or 2

Length: 4 weeks

Tuition: \$525

This course is designed for students who need to learn reading comprehension strategies appropriate for their course work. Discover how different writing genres are presented within each content area and understand the similarities and differences of reading a math book versus a literature book. This course will point out the cues and signals found in school texts by approaching reading from a writer's point of view.

SCREEN WRITING 101

Department: English

Open to: 6th-12th grades

Period: 2

Length: 4 weeks

Tuition: \$525

Have the next BIG idea for a blockbuster action flick, an Oscar winning drama, a cult classic horror film, or a date night romantic-comedy? Whatever your genre of choice is, Writer's Boot Camp is your chance to become the next talk of "Tinseltown"! This introductory class will focus on developing your big movie idea into a pitchable screenplay. Aspiring Hollywood writers will learn how to develop a logline into a final draft of Act 1 of your feature film script. No experience necessary. We will be teaching how to write and format a professional script, teaching the art of writing a logline and tagline, a beat outline for a feature script, character development, and formatting an industry standard screenplay. After 4 weeks you will be well on your way to becoming the next Spielberg.

SHORT STORIES OF SCI-FI, MYSTERY, HORROR & FANTASY

Department: English

Open to: 7th-12th grades

Period: 2

Length: 4 weeks

Tuition: \$525

Here's a chance to introduce students to the fun genres of sci-fi, horror & fantasy via the short story. Students will read several short stories each week written by some of the best writers in these genres. There'll be class discussions and projects about the short stories. This is a great way to get students interested in reading!

THESE ARE THE BREAKS: DJ LESSONS THROUGH MUSIC AND LITERATURE

Department: English

Open to: 6th-8th grades

Period: 3

Length: 4 weeks

Tuition: \$525

In the late 70's, a wizard took two turntables, a rudimentary mixer, and made continuous music which is now known as a mix. The wizard is now known as a DJ, and this class will examine the DJ through style, mixes, and the music that transcends one from being an ordinary playlist maker to a full DJ. We will use Vinyl and Digital formats to see the arch of the DJ but also to learn by doing. Yes, this will be a hands-on-class – real records, real music!

WRITING ESSAYS

Department: English

Open to: 7th-9th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This is a great course for students wanting to bring their writing to the next level. Students will learn to use the power of words to communicate with their audience, whether they are writing a narrative, descriptive, expository, or persuasive essay.

FINE ARTS COURSES

BEGINNING SEWING

Department: Fine Arts

Open to: 6th-12th grades

Period: 3

Length: 4 weeks

Tuition: \$575

Beginning sewing is for students who want to be exposed to the basics of hand and machine sewing. This class will pique students' interest in basic sewing skills, designing, and creativity. Students will learn basic hand sewing skills as well as how to safely operate a sewing machine, practice basic stitching skills creating many different types of lines, learn how to read a pattern and properly cut fabric in preparation of sewing. Students will create projects that practice basic sewing skills (by hand and on the machine) and design and create their own patterns using measuring and problem-solving skills.

BLACK AND WHITE FILM PHOTOGRAPHY

Department: Fine Arts

Open to: 6th-12th grades

Period: 1

Length: 4 weeks

Tuition: \$575

Darkroom photography is not dead! It is alive and well at LHS! Please join us this summer for an extensive overview of film processing, darkroom printmaking and proper camera use as a means for shooting and creating artistic, thought-provoking photographic images. Students will learn basic composition techniques, proper camera use (lens focal length, shutter speed, and aperture manipulation), film processing, and darkroom print processing. Through this course, students will be able to have a strong grasp on traditional film photography that will also lead into digital photography. Come join us! **Students must bring their own 35mm SLR film cameras and TMAX 400 black and white film.**

CERAMICS

Department: Fine Arts

Open to: 6th-12th grades

Period: 0, 1, or 2

Length: 4 weeks

Tuition: \$575

Students in this course will explore basic ways of working with clay. Students will work entirely in traditional hand-built techniques. The class will work in pinch, coil, and soft slab. The course will introduce numerous sculptural techniques, including an anthropomorphic object, a Grecian style coil pot, and a decorated tray. Various glazing applications ranging from slip decoration to more traditional color application will be used. The final slab project will require usage of two or more decoration techniques that they have mastered earlier in the class. This class will teach basic ceramics skills from conception to execution to finish. Technique, form, and craftsmanship will be emphasized. Materials are included.

DESIGN AND DRAWING WORKSHOP

Department: Fine Arts

Open to: 6th-12th grades

Period: 2 or 3

Length: 4 weeks

Tuition: \$575

This is a novice level course in the fundamentals of drawing and design, emphasizing line, value, texture, pattern, spatial relationships, perspective, proportion, and scale. Students' works will include self-portraits, still lifes, landscapes, and imaginative abstractions. Students will be using pencil, charcoal, markers, and acrylic paint. Materials are included.

GRAPHIC DESIGN

Department: Fine Arts

Open to: 6th-12th grades

Period: 2 or 3

Length: 4 weeks

Registration Tuition: \$575

This course will explore the principles and elements of art through the digital software of Adobe Photoshop and Illustrator as means for creating two-dimensional design projects. Students will learn how to use foundational Adobe Photoshop and Illustrator techniques as platforms to explore color theory, shape, line and form to create poster designs, album covers, abstract imagery, and photography. This course will offer students the ability to become proficient in Adobe Photoshop and Illustrator as tools for creating visually stimulating imagery and designs. **Students must bring their own laptop to class.**

FOREIGN AND CLASSICAL LANGUAGES COURSES

LATIN BOOTCAMP

Department: Foreign and Classical Languages

Open to: 6th-9th grades

Period: 1

Length: 4 weeks

Registration Tuition: \$525

This class introduces the student to basic aspects of the Latin language, Roman history, culture and mythology. The student will acquire rudimentary vocabulary, learn the concepts of declension and conjugation and perform basic translation work. In addition to language skills, the student will learn about famous men of Rome, explore Roman inventions and engineering and appreciate how much the Western World and the United States is indebted to the Romans (government, ideas, vocabulary, abbreviations, etc.). Through lectures, drills, student presentations and projects, and hands-on activities, the student will develop a basic knowledge and a nascent appreciation for classical studies.

LE FRENCH CAMP A LOYOLA

Department: Foreign and Classical Languages

Open to: 6th-9th grades

Period: 2

Length: 4 weeks

Registration Tuition: \$525

In this class, students will be exposed to French, France and the French in an atmosphere that allows for “learning by doing” in a traditional classroom setting. Hands-on activities will include, cooking, crafts, sports, exercises, total physical responses (TPR), French skits, short cartoons and movies. When these types of activities are performed students will be addressed completely in French. The instructor will encourage the students to use the newly acquired language as often as it is reasonably possible. In the more traditional part of the class, students will commit 150 words to memory, learn the conjugation of Etre, Avoir, Aller and -ER verbs. The goal of this experience is to expose the student to the French language and culture and develop an affinity for all it has to propose.

BRIDGE CLASS TO SPANISH II HONORS

Department: Foreign and Classical Languages

Open to: 10th grade

Period: 3

Length: 4 weeks

Tuition: \$525

This course is a continuation of Spanish I and will be used as a transitional course between the Spanish I course and the Spanish II Honors course. This course will stress vocabulary, sentence structure, progressive tenses, and perfect tenses learned in Spanish I Honors. The course will develop basic oral, written, and reading comprehension. Students will learn all the grammar necessary to succeed in the Spanish II Honors course. This course is recommended to all students qualified to be in the Honors Spanish II course.

INTRODUCTION TO SPANISH I

Department: Foreign and Classical Languages

Open to: 6th-9th grades

Period: 1

Length: 4 weeks

Tuition: \$525

Introduction to Spanish I is for students who want to get a head start on learning Spanish or to review various elements of their elementary school Spanish program. This course is designed with an emphasis on the basics: pronunciation, listening, oral drills, and basic grammar with vocabulary development.

SPANISH IN REVIEW

Department: Foreign and Classical Languages

Open to: 10th-11th grades

Period: 2

Length: 4 weeks

Tuition: \$525

Spanish Review is a review of first-year and second-year Spanish. This course is designed to emphasize the student's pronunciation, intonation, aural-oral drills, speech patterns, basic grammar, and the extension of vocabulary.

GENERAL INTEREST COURSES

COLLEGE CONNECTIONS

Department: General Interest
Open to: 9th grade – First Generation Loyola Students Only
Period: 2
Length: 4 weeks
Tuition: \$525

College Connections is designed to give first-generation college bound students entering Loyola High School the “seamless support system” necessary to navigate successfully through Loyola High School and into higher education. The course will use Digital Storytelling, journaling, reflection papers, and college campus visits to unpack and understand what it means to be a first-generation student at Loyola. This class must be taken with the period 1 first-generation Summer Reading 9 class. **ANY STUDENT THAT MISSES TWO OR MORE CLASS MEETINGS WILL BE DROPPED FROM THE PROGRAM AND WILL NOT RECEIVE CREDIT FOR THE CLASSES.**

DRIVER’S EDUCATION

Department: General Interest
Open to: 9th-12th grades
Period: 1 or 2
Length: 4 weeks
Tuition: \$525

With a combination of in-class curriculum, home study, and virtual driving experiences, this course satisfies the 30-hour state requirement for classroom instruction in driving. Regular attendance is mandatory in order for a student to receive a certificate of completion. This course **does not** include behind-the-wheel instruction but does use a virtual simulator for behind-the-wheel exercises. **ANY STUDENT WHO MISSES MORE THAN THREE (3) DAYS OF THE CLASS, WILL NOT RECEIVE CREDIT FOR THE CLASS.**

FINANCIAL LITERACY: PERSONAL FINANCE BASICS

Department: General Interest
Open to: 7th-9th grades
Period: 3
Length: 4 weeks
Tuition: \$525

“More Money, More Problems?” Not if you have an amazing financial plan in place and execute it! Introducing Financial Literacy: Personal Finance Basics, a quick and easy 4-week course designed to give students a fun and hands-on experience with money management they will remember for a lifetime! Students explore topics such as assets vs. liabilities, personal budgeting, credit, loans, taxes, retirement, insurance, buying vs. leasing, and cost of living through engaging lectures and exciting game play.

PEAK PERFORMANCE: HIGHLY EFFECTIVE TEENS

Department: General Interest

Open to: 6th-9th grades

Period: 2

Length: 4 weeks

Tuition: \$525

Everyone says to be great and do great things. But how? For the most part, we are not taught specific techniques to perform at highly effective levels. This course is designed to give teens the step-by-step methods to enhance their performances in areas of self-esteem, relationship building, academics, extracurricular activities, goal setting, and more. At the conclusion of this course, the student will be fully competent in expressing his/her unique gifts and talents.

SPORTS AND LEADERSHIP - ONLINE

Department: General Interest

Open to: 9th-12th grades - **Loyola Students Only**

Period: Evenings (**Online**)

Length: 6:00 p.m. – 7:45 p.m. (2 weeks: Monday – Thursday)

Week 1: June 19 – 22 & Week 2: June 26 – 29

Tuition: \$395

The Sports and Leadership Program is a two-week course which will meet Monday - Thursday June 19 - 29, and will focus on best leadership practices for high school athletes and will be catered toward athlete's individual style and development. We will also explore specific strategies and situational leadership opportunities in sports. These sport leadership workshops will be run by Head Lacrosse Coach Jimmy Borell and will include former Loyola sport captains, current collegiate sport team captains, NCAA coaches, and veteran US military members as guest speakers.

***This session meets online in the evenings from 6:00 p.m. – 7:45 p.m. Students must have a working webcam and microphone.**

MATHEMATICS COURSES

ALGEBRA I REVIEW

Department: Mathematics

Open to: 8th-10th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is designed for students who have completed a full-year Algebra I course and would benefit from **remediation**. Selected topics in elementary algebra are reviewed with emphasis on the development of skills and techniques. Topics reviewed include: solving linear equations and inequalities, graphing, factoring, and solving quadratic equations and radicals.

ALGEBRA FOR ADVANCED PLACEMENT

Department: Mathematics

Open to: 9th grade - **Loyola Students Only**

Period: 1 or 2

Length: 4 weeks

Tuition: \$525

This is a four-week course for incoming Loyola High School freshmen who have been **invited** to take the course to help them supplement their previous work in Algebra 1 in order that they may retest and may pass the Mathematics Department Algebra 1 Diagnostic/Placement Exam. The topics covered during the class will be individualized according to the needs of the students enrolled. A diagnostic test will be given on the first day of class and used in conjunction with the previously taken placement exam to determine these topics. Students will be given a Mathematics Department Diagnostic/Placement Exam at the end of the course, and **those who pass the exam** will be scheduled for Geometry/Honors Geometry in August.

BRIDGE TO ALGEBRA

Department: Mathematics

Open to: 9th grade - **Loyola Students Only/Invitation Only**

Period: 1 or 2

Length: 4 weeks

Tuition: \$525

This is a four-week course for incoming Loyola High School freshmen who have been **invited** to take the course. This course is designed to provide a foundation for students studying Algebra I only at Loyola High School in the fall. The topics covered during the class will be individualized according to the needs of the students enrolled.

INTRODUCTION TO ALGEBRA I - PART 1

Department: Mathematics

Open to: 7th-9th grades

Period: 1, 2, 3, or 4

Length: 4 weeks

Tuition: \$525

This course is designed for students who will be entering Algebra I in the fall and want to be introduced to some of the math fundamentals needed in Algebra I. Emphasis will be on evaluating expressions, solving equations and inequalities, factoring, and developing problem-solving skills. There will be a diagnostic test in this course the first day, which may result in students being moved to a different section or course.

INTRODUCTION TO ALGEBRA I - PART 2

Department: Mathematics

Open to: 7th-9th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is for students who will be entering Algebra I in the fall and have had some Algebra. It is designed to further their introduction to some of the math fundamentals needed in Algebra I. Emphasis will be on solving and graphing linear equations, simplifying rational expressions, and solving quadratic equations. There will be a diagnostic test in this course the first day, which may result in students being moved to a different section or course.

INTRODUCTION TO HONORS ALGEBRA 2

Department: Mathematics

Open to: 9th-10th grades - **Loyola Students Only**

Period: 2 or 3

Length: 4 weeks

Registration Tuition: \$525

This course is designed as enrichment for students who have completed a full-year Algebra I course with a grade of B+ or higher. It is a fast-paced class for those who will be taking Honors Algebra II in the future.

INTRODUCTION TO GEOMETRY

Department: Mathematics

Open to: 9th-10th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This enrichment course is for students who will be entering Geometry or Honors Geometry in the fall and want to get a head start. This course is designed to introduce students to the basic elements of geometry, including angles, congruency, parallel and perpendicular lines, polygons, similarity, Pythagorean Theorem, perimeter, volume, and proofs.

MATH FUNDAMENTALS

Department: Mathematics

Open to: 6th-7th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is designed to help improve knowledge of basic skills in arithmetic operations. Units include operations with whole numbers, fractions, decimals, and percentages. There will be a diagnostic test in this course the first day, which may result in students being moved to a different section or course.

PRE-ALGEBRA

Department: Mathematics

Open to: 6th-8th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is designed to prepare the student for the math section of the Catholic High School Entrance Examination (HSPT). The emphasis will be a review of basic arithmetic operations (fractions, decimals, ratios, negative numbers) and an introduction to algebraic concepts. This course is designed to provide a foundation for students studying Algebra I in the fall. There will be a diagnostic test in this course the first day, which may result in students being moved to a different section or course.

PERFORMING ARTS COURSES

BEGINNING GUITAR

Department: Performing Arts

Open to: 6th-12th grades

Period: 1

Length: 4 weeks

Tuition: \$525

This course is designed for students who are interested in learning the basics of playing the guitar. No prior guitar experience is necessary. Students will be expected to practice individually approximately 30 minutes/day, 4 to 6 days/week. Subjects covered include instrumental technique, basic note and rhythmic music reading, chords, and basic guitar maintenance. The student is to bring an acoustic guitar to class (nylon-string preferred, no electric guitars). The class will culminate in a final performance showcasing musical pieces learned during the course.

JAZZ & BLUES BAND

Department: Performing Arts

Open to: 6th-12th grades

Period: 4

Length: 4 weeks

Tuition: \$525

This course is for student musicians who are interested in learning about and performing jazz and blues music. Students are expected to have basic (1 year minimum) proficiency on their respective instrument and the ability to read music is highly desirable. Students' skills will be assessed at the beginning of class to make sure they are able to participate and learn. Students will be required to play as an ensemble, to take solos, and improvise. We provide backline equipment (piano, drums, amps, pa system/microphones). Guitarists and wind players are expected to bring their own instruments, patch cords, reeds, etc., and drummers should bring their own sticks and brushes. Topics include basic jazz and blues musical concepts, improvisation, various jazz styles, rehearsal and performance etiquette, and some jazz and blues history. The students will also rehearse music from repertoire selected by the instructor.

SCHOOL OF ROCK

Department: Performing Arts

Open to: 6th-12th grades

Period: 3

Length: 4 weeks

Tuition: \$525

This course is for student musicians who have some experience (at least 1 year) playing guitar, bass, drum set, keyboards, and singing and want to play in a rock band. The ability to read music is highly desirable. Students' skills will be assessed at the beginning of class to make sure they are able to participate and learn. Topics include rock band performance etiquette, various beats and rhythms, music theory fundamentals, and rehearsal etiquette. Students will also explore the history of rock and perform songs from the 1960s to the present. We

provide drums, amps, basses, microphones, and PA system; students will use their own guitars and patch cords and drummers bring the drumsticks of their choice.

SCIENCE COURSES

CSI: LOYOLA

Department: Science

Open to: 6th-8th grades

Period: 3

Length: 4 weeks

Tuition: \$575

Become a crime scene investigator! This course is designed to give students hands-on experience solving realistic crime scene scenarios using actual forensic techniques. Activities will include: glass fragment analysis, analyses of blood and skeletal remains, identifying trace substances, developing latent fingerprints, and identifying forgeries. The course will culminate in the creation and analysis of a simulated crime scene.

FOOD SCIENCE

Department: Science

Open to: 6th-8th grades

Period: 2

Length: 4 weeks

Tuition: \$575

We all love good food! But do you know what really goes into making food taste great? Cooking is as much of a science as an art. In this course, the laboratory is transformed into a kitchen, as students explore the chemistry, biology, and physics concepts behind the preparation of delicious foods we all enjoy. Here is a taste of what this course will offer: What's really in mayonnaise? Why do the world's greatest chefs prefer copper? Why can't I use baking soda instead of baking powder? What do you mean the key difference between rock candy, taffy, caramel and fudge is temperature? How is salt used in making ice cream? Students will engage in exciting laboratory investigations to answer all these questions and more! Bon appétit!

GREEN ENGINEERING

Department: Science

Open to: 6th-8th grades

Period: 2

Length: 4 weeks

Tuition: \$575

In this hands-on course students become engineers designing and building systems that lower the impact on the environment. Students will have an opportunity to build model homes and vehicles that all depend on energy efficiency and renewable energy sources. Students will learn about critical global environmental issues including energy use and efficiency, pollution, transportation, agriculture, land use, construction, water access and use, and ecological destruction.

LIGHTS, CAMERA, AND REACTION

Department: Science

Open to: 6th-8th grades

Period: 2

Length: 4 weeks

Tuition: \$575

In this exciting hands-on course students will learn to apply fundamentals of chemistry and physics to create a spectacular sound and light show! Through fun and engaging activities, students will learn how to modify sounds by changing wavelength and frequency and how to create amazing effects using mirrors and lights. Students will acquire the skill and knowledge to enhance their performances with special effects such as making objects appear to float, animations, colored flames, and mini-fireworks, and more!

PRE-AP BIOLOGY (FOR THE ADVANCED PLACEMENT BIOLOGY COURSE)

Department: Science

Open to: 9th-12th grades

Period: 1

Length: 4 weeks

Tuition: \$575

This course is designed to prepare a student for the rigorous investigation and thinking involved in Advanced Placement Biology. Students will explore two of the most important themes of the AP Biology Course: the genetic basis for inheritance and evolution by natural selection. The class will focus on building a conceptual understanding rather than primarily factual recall of information. Students will work on developing skills of quantitative (computational) thinking, developing skills of laboratory investigation, and examining current developments in biological research. This class is open to all high school students who have taken at least one year of high school laboratory science.

PRE-AP CHEMISTRY (FOR THE ADVANCED PLACEMENT CHEMISTRY COURSE)

Department: Science

Open to: 9th-12th grades

Period: 1

Length: 4 weeks

Tuition: \$575

This course is designed to prepare a student for the rigorous critical thinking and investigative skills needed for success in a yearlong Advanced Placement Chemistry course. Students will explore the important themes (Big Ideas) of the AP Chemistry curriculum and related learning objectives: structure of matter (Big Idea 1), properties of matter including characteristics, states, and forces of attraction (Big Idea 2), chemical reactions (Big Idea 3), rates of chemical reactions (Big Idea 4), thermodynamics (Big Idea 5), and equilibrium (Big Idea 6). The class will focus on building a strong conceptual understanding of fundamental concepts and problem-solving skills. In addition, students will work to develop laboratory investigation skills based on the seven science practices as addressed in the AP Chemistry curricular framework. This course will fulfill the AP Chemistry summer homework and exam requirement (to be completed by students who will take AP Chemistry at Loyola High School in the fall). The grade earned in this class will replace the grade for the Chemistry AP summer homework packet and exam.

ROBOTICS A

Department: Science

Open to: 6th-8th grades

Period: 1 or 2

Length: 4 weeks

Tuition: \$575

Come discover the world of robotics! In this project-based course, students will plan, construct, and program robotic devices using the Python programming environment and Lego hardware. Students will use inquiry, guided research, problem solving, and teamwork as they investigate how robots make decisions to navigate through their environment. No previous experience required. **Students must bring their own laptop to class.**

SOCIAL SCIENCE COURSES

HISTORY OF WORLD WAR II

Department: Social Science

Open to: 6th-12th grades

Period: 3

Length: 4 weeks

Tuition: \$525

We will tackle the history of World War II in a fun, engaging, and interactive manner. In this course, we will study three major historical time periods: World War I, World War II, and the Cold War. In doing so, we will understand the context of WWII through WWI, and the aftermath of WWII through the Cold War.

In class, students will have the opportunity to share and develop their interests in WWII through presentations and projects. Previous projects and presentations included: various airplane models used in WWII, various artillery models used by the Wehrmacht (Germany), the impact of D-Day, the Cuban Missile Crisis, Vietnam, etc. These are a few of the many topics, you can develop, learn, and present in the History of World War II course. If you are excited to learn more about any of these major events in History then this is the right course for you!

INTRODUCTION TO ADVANCED PLACEMENT WORLD HISTORY

Department: Social Science

Open to: 10th grade

Period: 3 or 4

Length: 4 weeks-- Classes begin on June 20th and meet on Tuesdays and Thursdays only.

Tuition: \$395

This course will help students gain a head start in learning the skills needed for success in the AP World History course. This is a hybrid online/traditional class. This means that the students will meet 2 days in the classroom during the week and do work online for the other 3 days during the week. Students will begin to develop the skills necessary to succeed in the AP environment, and ultimately on the AP Exam which is administered each May. The course will focus on learning to think critically, form original arguments, write historical essays, analyze primary source documents, and identify evidence. The purpose of the class is to provide incoming sophomores who are enrolled in APWH, help with the transition into the college level challenges of the Advanced Placement classroom and curriculum. While emphasis will be on skill development, the course will use content and resources recommended by the College Board. Classes begin on June 20th and meet on Tuesdays and Thursdays only.

LOYOLA HIGH SCHOOL SUMMER READING COURSES

SUMMER READING 9

Department: Loyola High School Summer Reading

Open to: 9th grade - **Loyola Students Only**

Period: 0, 1, 2, 3, or 4

Length: 4 weeks

Tuition: \$525

This course is designed to meet the **Loyola summer reading requirement** for students entering the ninth grade next fall. It will provide the student with reading, writing, and speaking experiences comparable to those expected during his freshman year. All selections from the required summer reading list will be covered in class through writing assignments, vocabulary development, oral discussions, as well as directed analysis. Emphasis will be on critical thinking and on drawing inferences through the study of the literature. **This course is open only to Loyola High School students.** The grade a student earns for this summer reading course will be the grade he earns in lieu of the comprehensive exam given during the first week of the fall semester. **ANY STUDENT WHO MISSES FOUR OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS. ANY STUDENT WHO IS TARDY SIX OR MORE TIMES IS LIABLE TO LOSE ACADEMIC CREDIT FOR THE CLASS.**

Students purchase their own books.

****First book on the list is the book students read first****

Summer Reading 9 (Freshmen)

The Glass Castle by Jeannette Walls

Feed by M.T. Anderson

The Curious Incident of the Dog in the Nighttime by Mark Haddon

SUMMER READING 9 - ONLINE

Department: Loyola High School Summer Reading

Open to: 9th grade - **Loyola Students Only**

Period: 1 or 2 (**Online**)

Length: 4 weeks

Registration Tuition: \$525

This course is designed to meet the **Loyola summer reading requirement** for students entering the ninth grade next fall. It will provide the student with reading, writing, and speaking experiences comparable to those expected during his freshman year. All selections from the required summer reading list will be covered in class through writing assignments, vocabulary development, oral discussions, as well as directed analysis. Emphasis will be on critical thinking and on drawing inferences through the study of the literature. **This course is open only to Loyola High School students.** The grade a student earns for this summer reading course will be the grade he earns in lieu of the comprehensive exam given during the first week of the fall semester. **ANY STUDENT WHO MISSES FOUR OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS. ANY STUDENT WHO IS TARDY SIX OR MORE TIMES IS LIABLE TO LOSE**

ACADEMIC CREDIT FOR THE CLASS. *This class will meet online. Students must have a working webcam and microphone.

Students purchase their own books.

****First book on the list is the book students read first****

Summer Reading 9 (Freshmen)

The Glass Castle by Jeannette Walls

Feed by M.T. Anderson

The Curious Incident of the Dog in the Nighttime by Mark Haddon

SUMMER READING 10

Department: Loyola High School Summer Reading

Open to: 10th grade - **Loyola Students Only**

Period: 0, 1, 2, or 3

Length: 4 weeks

Tuition: \$525

This course is designed to meet the **Loyola summer reading requirement** for students entering the tenth grade next fall. All selections from the required summer reading list will be covered in class through writing assignments, vocabulary development, oral discussions, and critical analysis reviews. Emphasis will be on reading comprehension using critical thinking and on drawing inferences from the texts. **This course is open only to Loyola High School students.** The grade a student earns for this summer reading course will be the grade he earns in lieu of the comprehensive exam given during the first week of the fall semester. **ANY STUDENT WHO MISSES FOUR OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS. ANY STUDENT WHO IS TARDY SIX OR MORE TIMES IS LIABLE TO LOSE ACADEMIC CREDIT FOR THE CLASS.**

Students purchase their own books.

****First book on the list is the book students read first****

Summer Reading 10 (Sophomores)

Narrative of the Life of Frederick Douglass by Frederick Douglass

Fahrenheit 451 by Ray Bradbury

The Absolutely True Diary of a Part-Time Indian by Sherman Alexie

SUMMER READING 10 - ONLINE

Department: Loyola High School Summer Reading

Open to: 10th grade - **Loyola Students Only**

Period: 1 or 2 (**Online**)

Length: 4 weeks

Registration Tuition: \$525

This course is designed to meet the **Loyola summer reading requirement** for students entering the tenth grade next fall. All selections from the required summer reading list will be covered in class through writing assignments, vocabulary development, oral discussions, and critical analysis reviews. Emphasis will be on reading comprehension using critical thinking and on drawing inferences from the texts. **This course is open only to Loyola High School students.** The grade a student earns for this summer reading course will be the grade he earns in lieu of the comprehensive exam given during the first week of the fall semester. **ANY**

STUDENT WHO MISSES FOUR OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS. ANY STUDENT WHO IS TARDY SIX OR MORE TIMES IS LIABLE TO LOSE ACADEMIC CREDIT FOR THE CLASS. *This class will meet online. Students must have a working webcam and microphone.

Students purchase their own books.

****First book on the list is the book students read first****

Summer Reading 10 (Sophomores)

Narrative of the Life of Frederick Douglass by Frederick Douglass

Fahrenheit 451 by Ray Bradbury

The Absolutely True Diary of a Part-Time Indian by Sherman Alexie

SUMMER READING 11 – ONLINE

Department: Loyola High School Summer Reading

Open to: 11th grade - **Loyola Students Only**

Period: 0, 1 or 2 (**Online**)

Length: 4 weeks-- Class begins on June 19th and meets on Monday, June 19, Wednesday, June 21, Monday, June 26, Wednesday, June 28, Wednesday, July 5, Monday, July 10, and a Final on Wednesday, July 12.

Registration Tuition: \$330

This course is designed to meet the Loyola summer reading requirement for students entering the eleventh-grade next fall. **This course combines seven (7) online class meetings with additional assignments or check-ins throughout the week.** All selections from the required summer reading list will be covered through writing assignments, vocabulary development, oral discussions, and critical analysis. Emphasis will be on reading comprehension using critical thinking and on drawing inferences from the texts. The grade a student earns for this summer reading course will be the grade he earns in lieu of the comprehensive exam given during the first week of the fall semester. **Class will meet online 6/19, 6/21, 6/26, 6/28, 7/5, 7/10, 7/12. The final exam will be held on Wednesday, July 12. ANY STUDENT WHO MISSES TWO OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS. (YOU MUST BE PRESENT FOR THE FINAL EXAM.) ANY STUDENT WHO IS TARDY TWO OR MORE TIMES IS LIABLE TO LOSE ACADEMIC CREDIT FOR THE CLASS.**

In addition to these seven required online meetings, students will be required to participate with additional assignments or check-ins throughout the week. **IF YOU FAIL TO PARTICIPATE IN TWO OR OF THE ADDITIONAL ASSIGNMENTS OR CHECK-INS THROUGHOUT THE WEEK, YOU WILL NOT RECEIVE CREDIT FOR THE CLASS.** This course is open only to Loyola High School students. ***This class will meet online. Students must have a working webcam and microphone.**

Students purchase their own books.

Students must have their books ON THE FIRST DAY OF CLASS.

****First book on the list is the book students read first****

Summer Reading 11 (Juniors)

The Odyssey by Homer. Translated by Stanley Lombardo ISBN 978-0872204843

Brave New World by Aldous Huxley

SUMMER READING 12 - ONLINE

Department: Loyola High School Summer Reading

Open to: 12th grade - **Loyola Students Only**

Period: 0 or 1 (**Online**)

Length: 4 weeks-- Class begins on June 19th and meets on Monday, June 19, Wednesday, June 21, Monday, June 26, Wednesday, June 28, Wednesday, July 5, Monday, July 10, and a Final on Wednesday, July 12.

Registration Tuition: \$330

This course is designed to meet the Loyola summer reading requirement for students entering the twelfth-grade next fall. **This course combines seven (7) online class meetings with additional assignments or check-ins throughout the week.** All selections from the required summer reading list will be covered through writing assignments, vocabulary development, oral discussions, and critical analysis. Emphasis will be on reading comprehension using critical thinking and on drawing inferences from the texts. The grade a student earns for this summer reading course will be the grade he earns in lieu of the comprehensive exam given during the first week of the fall semester. **Class will meet online 6/19, 6/21, 6/26, 6/28, 7/5, 7/10, 7/12. The final exam will be held on Wednesday, July 12. ANY STUDENT WHO MISSES TWO OR MORE CLASS MEETINGS WILL NOT RECEIVE CREDIT FOR THE CLASS. (YOU MUST BE PRESENT FOR THE FINAL EXAM.) ANY STUDENT WHO IS TARDY TWO OR MORE TIMES IS LIABLE TO LOSE ACADEMIC CREDIT FOR THE CLASS.**

In addition to these seven required online meetings, students will be required to participate with additional assignments or check-ins throughout the week. **IF YOU FAIL TO PARTICIPATE IN TWO OR OF THE ADDITIONAL ASSIGNMENTS OR CHECK-INS THROUGHOUT THE WEEK, YOU WILL NOT RECEIVE CREDIT FOR THE CLASS.** This course is open only to Loyola High School students. ***This class will meet online. Students must have a working webcam and microphone.**

Students purchase their own books.

Students must have their books ON THE FIRST DAY OF CLASS.

****First book on the list is the book students read first****

Summer Reading 12 (Seniors)

No Country for Old Men by Cormac McCarthy

Into the Wild by Jon Krakauer

STUDY SKILLS COURSES

STUDY SKILLS: GET READY FOR SCHOOL SUCCESS

Department: Study Skills

Open to: 6th-8th grades

Period: 1, 2, or 3

Length: 4 weeks

Tuition: \$525

Looking for new study habits? Need to hone your learning skills? Have you decided on a total reboot of your ways of handling school? This class is for you! We are proposing a new approach to your studies. We will discuss and explore the big picture of your lives and how to juggle school with family and social obligations as well as outside school activities, service etc. We will help you prioritize and organize your calendar and manage your time in order to reduce stress, avoid meltdowns and stay away from panic attacks. The class will teach mindfulness techniques to aid you in a testing environment. But we will also zero in on particular skills such as reading, listening, summarizing, note taking, public speaking, etc. The class would not be complete without the technological aspect of your school life. Healthy vs. unhealthy use of technology, the role of social media, the effect of screen time on your social and academic life are all issues that will be brought up in class presentations and discussions. Finally, the students will learn the best use of technology for presentations, collaborative projects, word processing and the like. Familiarization with different Google Apps is one of the goals of the class.

TECHNOLOGY COURSES

AI SCHOLARS HIGH SCHOOL COURSE

Department: Technology

Open to: 10th-12th grades

Period: 1 AND 2 (8:30 am – 11:30 am) or 3 AND 4 (12:00 pm – 3 pm)

Length: 2 weeks – Class meets June 19 – June 30

Tuition: \$1500

What do self-driving cars, Alexa, iPhone's face recognition technology, and ChatGPT have in common? They are driven by modern advances in artificial intelligence. Whether you're interested in law, healthcare, art, or economics, AI is poised to transform every discipline and industry in the future. AI is already all around us today, and by the end of the program, students will understand the underlying concepts and motivations behind technology such as computer vision, natural language processing, and neural networks.

In this project-based program taught by Stanford, MIT AI, and top university researchers, we will explore the foundations of machine learning and explore different applications of machine learning models. In the first half of the course, students learn AI's core technologies including applications, foundational concepts, and programming tools through live online lectures and coding labs. Students will not only learn about different types of machine learning models, but also apply those models to real data sets. In the second half of the course, students will complete an instructor-led group project applying AI to the discipline of their choice (e.g., music, healthcare, astrophysics, finance, etc.), utilizing the programming skills they developed in the first half.

Please learn more in the [program brochure](#).

INTRODUCTION TO DIGITAL MUSIC PRODUCTION

Department: Technology

Open to: 6th-12th grades

Period: 2

Length: 4 weeks

Tuition: \$525

Let's make an album! With an emphasis on today's most popular music genres, Intro to Digital Music Production is a quick and easy 4-week course designed to give you a fun and hands-on experience with the same software and equipment the pros use to craft amazing Grammy award-winning, multi-platinum Billboard hits. With just a laptop, students explore timeless composition, arrangement, mixing, and mastering techniques that enable them to produce industry-standard songs, ready to be streamed on music platforms like Spotify, Soundcloud, and Apple Music, or used in commercials, TV, & Film with no previous experience necessary.

INTRODUCTION TO TOUCH TYPING

Department: Technology

Open to: 6th-12th grades

Period: 1

Length: 4 weeks

Tuition: \$525

This course is designed to introduce the students to touch typing. It will help the students with various skill levels learn basic touch typing skills. This course is designed to help students develop typing skills at their own paces in a classroom setting. Minimal to moderate amounts of homework are given. **This course is for CREDIT/NO CREDIT.**

LOYOLA IDEA LAB

Department: Technology

Open to: 6th-12th grades

Period: 3

Length: 4 weeks

Tuition: \$575

Imagine it, design it, and build it! The course is a combination between a science lab, a woodshop, a computer lab, and an art room. You will be using the latest in "new" school and "old" school technology. Learn how to create works of art and objects using a computer for design, a laser engraver, 3D printer for creating, and using traditional hand tools for assembling your creation.