LJCDS Courses 2022–2023

February 2022

Highlighted items denote Newly Offered Course/Re-offered Course this upcoming year

Humanities Department

English 4.0 credits required

● English I
  10th Grade English Options
● English II: US Literature
● American Studies: English II
  11th Grade English Options
● English III: Literatures of Science
● English III: Legacy of Adam and Eve: An Introduction to Gender Studies
● English III: Rhetoric: Conflict in the Classroom
● English III: Tragedy, Trauma, & Teenagers
● English III: Murder and Mayhem
● AP English Literature and Composition III
  12th Grade English Options
● English IV: Legacy of Adam and Eve: An Introduction to Gender Studies
● English IV: Murder and Mayhem
● English IV: Tragedy, Trauma, & Teenagers
● English IV: Dystopian Fiction
● English IV: World Beat
● English IV: Rhetoric: Conflict in the Classroom
● English IV: Creative Writing
● AP English Language and Composition IV

Social Science/History 3.0 credits required

● Global History
  10th Grade Options
● US History
● American Studies: US History
● AP US History
  11th and 12th Grade Seminars
● Justice and Injustice
● The American Civil War (H) (11/12)
● Civil Rights & Popular Culture (11/12)
● Philosophy: the History of Questions (H) (11/12)
● Philosophy: the History of Questions (11/12)
● Contemporary World History: Latin America and the Caribbean
● AP European History (11/12)
● AP World History (11/12)
● AP Psychology** (does not satisfy a history req)
● AP US Government (11/12, prefer 12)
** priority to seniors, space available to juniors

Science Department

Science

3.0 credits required: Physics, Chemistry & Biology

● Physics
● Accelerated Physics
● AP Physics 2
● Chemistry
● Chemistry (H)
● AP Chemistry
● Organic Chemistry (H & non-H)(11/12)
● Biology
● Biology (H)
● AP Biology
● Marine Biology (1 semester)(Semester 1) (12)
● Biotechnology (1 semester)(Semester 2) (12)
● Environmental Systems: Science (H & non-H) (11/12) preference given to grade 12
● Neuroscience (H)

World Language Department

World Language 3.0 credits

Two years and through Level 3 required

● Spanish I
● Spanish II
● Spanish III
● Spanish Intensive (H)
● Spanish IV
● AP Spanish Language and Culture
● Spanish Cinema I
● Spanish Cinema II
● Spanish Literature and Culture (H)
● French I
● French II
● French III
● Français Intensive (H)
● French Cinema and Culture I
● French Cinema and Culture II
● AP French Language and Culture
● French Literature and Culture (H)
● Mandarin I
● Mandarin II
● Mandarin III
● Mandarin III (H)
● Mandarin IV
● Mandarin IV (H)
● Mandarin V
● AP Chinese Language and Culture
**Mathematics Department**

**Mathematics** 3.0 credits: Algebra II or IM3 req
- Math I (integrated math)
- Math I (H)
- Math II (integrated math)
- Algebra II w/Trigonometry (H)
- Precalculus
- Precalculus AB
- Precalculus BC (H)
- Math of Finance (12)
- Calculus (1 semester) (semester 1) (12)
- Statistics (1 semester) (semester 2) (12)
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- Linear Algebra

**Design & Innovation Department**

**Design & Innovation**  
No requirement, elective only
- Design to Entrepreneurship
- Design to Entrepreneurship (H)
- Advanced Design to Entrepreneurship (H)
- Innovation Technology Studio
- Innovation Technology Studio (H)
- Advanced Innovation Technology Studio (H)
- Applied Engineering
- Applied Engineering (H)

**Computer Science**  No requirement, elective only
- Introduction to Computer Science
- Computer Science (H)
- Advanced Application Development (H)

**Visual & Performing Arts Department**

**Visual & Performing Arts** 1.0 credit required
- Studio Art I
- Studio Art II
- Studio Art III
- AP Studio Art: 2-D Design
- AP Studio Art: Drawing
- AP Studio Art: 3-D Design
- Graphic Design
- Digital Photography
- Advanced Photography (H)
- Ceramics I
- Ceramics II
- Ceramics III (H)
- Independent Filmmaking
- Independent Filmmaking (H)
- Concert Choir
- Madrigals (H)
- Band
- Band (H)
- Percussion and World Drumming
- Percussion and World Drumming (H)
- Chamber Orchestra
- Orchestra (H)
- AP Music Theory
- Studio Acting (formerly Intro to Acting)
- Play Production
- Advanced Play Production (H)
- Technical Theater
- Production Design and Management (H)
- Environmental Systems: Art (H and non-H)
  (11/12) preference given to grade 12

**OneSchoolhouse**

**OneSchoolhouse online electives**

*Enrolling in a OneSchoolhouse course must be approved by the academic dean. Core graduation requirements may not be satisfied through OneSchoolhouse courses. One Schoolhouse classes are primarily used to resolve schedule conflicts. To see all course offerings go to [www.OneSchoolHouse.org](http://www.OneSchoolHouse.org).*

Some offerings include:
- Abnormal Psychology
- AP Computer Science A
- AP Environmental Science
- AP Human Geography
- AP Microeconomics
- AP Macroeconomics
- AP Physics C
- Astronomy
- Business & Economics
- Civics and Politics
- Forensic Science
- Gender and Sexual Identity in America
- Global Health
- Latin I-V
- Neuroscience