







JAMES LICK HIGH SCHOOL • HOME OF THE COMETS

- On average, 3 out of every 4 students who graduate from James Lick enroll in college within a year after high school. (Class of 2018, National Student Clearinghouse)
- 4-Year Cohort: Students that come in as 9th graders and stay with our school for all 4 years experience higher graduation and A-G success rates.
 - 4-Year Local Cohort Graduation Rate: 94.7% (Class of 2019)
- We offer a Summer Bridge Program for incoming 9th graders.
- All of our 9th and 10th grade students take the Practice SAT exams at no cost to their families.
- All of our 11th grade students take the SAT exams at no cost to their families.

- All of our students enroll in A-G college preparatory courses.
- We are an internationally recognized New Tech School, where students work collaboratively in small learning communities to develop real-world solutions to real-world problems.
- We have a partnership with iMentor, a youth mentoring organization that matches every single 11th and 12th grader with a collegeeducated mentor.
- We have a partnership with CAL-SOAP, a premier college readiness organization, enabling us to support our students in college entrance and financial aid.
- Our Saturday Academy offers free tutoring on Saturdays, as well as extra credit work and practice AP exams.

- We offer AP classes in the Arts, Computer Science, Mathematics, Science, Social Science, World Languages, English, Psychology, and Government.
- Our Student Ambassador Program is comprised of student leaders dedicated to supporting new students on campus, providing campus tours and meet & greet opportunities with Leadership students.
- We have an experienced and highly qualified teaching staff with an average of 14 years of experience in the classroom.
- We offer Future Advancers of Science and Technology (FAST), a program in which Stanford PhD students meet with our students to brainstorm projects, carry out experiments, and build prototypes.

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WELCOME TO JAMES LICK HIGH SCHOOL



As the new Principal of James Lick High School, it is my honor to offer you a warm welcome to our distinguished school. Our school prides itself in being the first high school established in the East Side Union High School District while also embracing a bright vision of the future by being one of the only New Tech high schools in Silicon Valley. While fostering a safe and inclusive school climate and culture, we make every effort to prepare our students to be the next generation of leaders that will make the world a better place.

As an internationally recognized New Tech School, we offer students a collaborative learning environment in small-sized classes with up to three teachers. Our curriculum is centered around project- and problem-based learning and we are focused on developing skills for the modern world.

We provide modern classroom layouts and laptops for every student that comes through our doors.

We are also proud to have a partnership with iMentor, a youth mentoring organization that matches every single 11th and 12th grader with a college-educated mentor.

In this booklet, you will find a list of A-G requirements, high school class recommendations at each grade level and Advanced Placement (AP) courses. Apart from our strong academics, we offer a variety of athletic programs in football, basketball, baseball, cross-country, soccer, and many other sports activities. We also offer an array of extracurricular activities and clubs, such as the Associated Student Body, Computer Gaming, Environmental Club, Science, Theater, Band, Cheerleading, and many more to fit students' interests.

At James Lick, every member of our community including our staff, teachers, administration, parents, and students collaborate to make the school the best it can be. We welcome you as another value member of this community!

Sincerely, **Marco Menendez** *Principal*



SPARTAN EAST SIDE PROMISE

The Spartan East Side Promise provides a pathway to guaranteed general admission to San José State University (SJSU) by clearly specifying admission requirements and actively sharing this information with students and families at the East Side Union High School District (ESUHSD).





By identifying the specific criteria for guaranteed SJSU general admission as part of the Spartan East Side Promise, ESUHSD students will know what is expected early in their academic careers.

Student entering as a freshman in high school is guaranteed the same criteria when the student applies in their senior year.

GOALS

The goals of the Spartan East Side Promise are:

- To increase the number of ESUHSD students applying to and being admitted to college
- To contribute to a college-going culture within the ESUHSD based on a shared commitment to diversity and equity

Students graduating from an East Side Union high school will qualify for guaranteed general admission to SJSU if the following conditions are met:

- Graduate from East Side Union High School District
- Successfully complete all A-G college preparatory courses with grades of C- or better
- Apply to SJSU by November 30th
- Take the SAT or ACT test and submit those official test scores to SJSU
- Require no developmental coursework as determined by Math/English placement test scores
- Meet the Eligibility Index (EI) to the intended major (2900 or higher) or meet the minimum EI of 3300 (SAT) or 790 (ACT) to be guaranteed admission to Undeclared. All EIs are subject to verification of the final high school transcript
 - The Eligibility Index (EI) is a combination of the GPA from your A-G classes and your SAT or ACT score
 - See *calstate.edu* for an El calculator
- Meet all SJSU application procedures and deadlines

Contact: outreach@sjsu.edu or 408-924-2564

ACADEMIES & ADVANCED PLACEMENT COURSES

ACADEMIES

New Tech Program



This internationally recognized program is designed to empower students with the knowledge and skills sought out by universities and employers. It provides interdisciplinary, project- and problem-based learning in small class sizes, offering one-to-one laptops and individualized attention with three teachers per classroom. Students work collaboratively to develop real-world solutions to real-world problems. Students graduate with critical skills of agency, collaboration, communication, and a growth mindset, all necessary to succeed in college and career.

Four Pillars

- Agency: The ability to make your own choices to overcome challenges. Self-reliance and personal responsibility.
- Collaboration: Working with a team to creatively solve problems.
- Communication: Oral and written communication in order to justify understanding of the material.
- Growth Mindset: Setting and achieving personal and team goals.

Students present their work to professionals at local Silicon Valley companies and receive feedback. These include companies such as Google, Intel, LinkedIn, and more.

Bilingual Certification

Our school has a strong tradition of preparing our students for success in multiple languages, imperative in a global society. Students who build upon their existing fluency in Spanish and Vietnamese can earn a nationally recognized certification.

AP COURSES - Earning College Credit through AP Exams

Advanced Placement (AP) is a program administered by The College Board and consists of standardized high school courses that are equivalent to undergraduate college courses. After completing an AP class, students typically take the AP exam in that subject, which can earn them credits and accelerated placement in college.

ADVANCED PLACEMENT (AP) COURSES

- Calculus AB
- Chemistry
- Computer Science A
- Computer Science Principles
- Drawing
- English Language: Composition
- English Literature: Composition
- Environmental Science

- Macroeconomics
- Psychology
- Spanish Language
- Spanish Literature
- Studio Art: 2D
- U.S. History
- World History

MEET OUR GRADUATES



"My time at James Lick was a time of unparalleled discovery; learning not just from the marvelous tutelage of teachers and peers alike, but also from the principles of our very institution. James Lick found me as someone uncertain of the present, and now sends me out towards the future ready to better the world."

Brian Baltazar Class of 2019 Harvard University



"High school was a blessing, even though the coursework was heavy. I do not regret it since I learned a lot and all of the hard work set my path to UC Berkeley! I got the chance to cross roads with inspiring and supportive teachers and staff."

Arlet Miranda Torres Class of 2019 UC Berkeley



"Being a Comet has prepared me to be a better student and has allowed me to grow as a person. I wouldn't be who I am today if it weren't for the people, opportunities, and experience provided at James Lick. I will be forever grateful to all my teachers, mentors, and fellow peers who helped shape my path along the way."

Jerricho Habon Class of 2020 UC Davis



"When entering high school, I was unsure of my destiny in life. But with the countless resources James Lick offers, I quickly learned that my meaning of life is to **be the change**, and with their help, I am now prepared to do my part in creating a more fair and honest justice system"

> **Daniella Acosta** *Class of 2020* New York University

HIGH SCHOOL GRADUATION REQUIREMENTS

Pass 220 credits in the areas shown below:

Subject	Requirement	Credits
English	Students must pass: 4 years of English	40
Social Science	Students must pass: 1 year of World History 1 year of United States History 1 semester of Economics 1 semester of American Government	30
Mathematics	Students must pass: CCSS Math 1 CCSS Math 2 (or higher level courses)	20
Science	Students must pass: 1 year of physical and 1 year of biological college prep lab science	20
Fine Arts or Foreign Language	Students must pass: 1-year course in Fine Arts or Foreign Language	10
Physical Education	Students must pass: • 2 years of Physical Education (1 year must be taken in grade 9)	20
Electives	Students must pass elective courses chosen in the following areas: Art, Business, Home Economics Careers and Technology, English, Foreign Language, Math, Music, Industrial Technology Education, P.E., Reading, Science, Social Science, Safety Education, and Work Experience/SVCTE/ROP.	80
Total Credits Required for Graduation		

AT EACH GRADE LEVEL:

- Parents and students should check class selections
- Parents and students should review semester report card and if your student has failed any courses, explore summer school options (contact school counselor)
- Parents and students should review credit status to ensure the student is on track and taking the necessary courses for graduation
- Learn about **free tutoring** or help that's available if your child is struggling in any subject area
- Schools offer Cyber High as an option for credit and grade recovery (contact school counselor)
- The appropriate number of credits each semester, she/he may fall behind and not be ready to graduate in four years. You and your child could explore alternate pathways to graduation in our alternative schools, Foothill High School and Calero High School (contact school counselor)

FOUR-YEAR COURSE PLANNER

Required classes to Satisfy A-G Requirements for 4-Year College at a UC, CSU or Private, and College Entrance Exams. 4 year = Baccalaureate Degree (BA or BS)

9th Grade

- B English 1/1A
- C CCSS Math 1 (or higher)
- D Biology
- **E** World Language 1
- **F/G** Art or Elective Physical Educatio

What You Can Do To Become College Ready:

- Become acclimated with your ESUHSD high school campus
- Students should have 60 units at the end of 9th grade
- Take the 9th grade Practice SAT exams, which will be provided at no cost to students or families

10th Grade

- **A** World History
- B English 2/2A
- C CCSS Math 2 (or higher)
- **D** Chemistry
- World Language 2Physical Education

What You Can Do To Become College Ready:

- Attend District-wide College Night
- For UC/CSU College Testing
 Recommendation: Take the 10th grade
 Practice SAT exams, which will be provided at
 no cost to students or families
- Students should have 120 units at the end of 10th grade

AT EACH GRADE LEVEL:

- Meet with your high school counselor to ensure that you are on track to meet A-G requirements and ensure enrollment in these classes
- Counselors will walk students through a Guidance Plan to realize their college and career potential
- Students can get ahead by taking Mathematics and Science classes as electives
- We offer Math acceleration classes in the summer

11th Grade

- **A** US History
- **B** English 3
- C CCSS Math 3 (or higher)
- **D** Physics
- E World Language 3
- F/G Art or Elective

What You Can Do To Become College Ready:

- For UC/CSU College Testing Recommendation: PSAT in the Fall and SAT or ACT in the Spring
- Take the SAT Subject Tests in March, which will be provided at no cost to students or families
- Attend District-wide College Night
- Students should write the first draft of her or his essay that will be used for applications and scholarships
- Students should have 180 units at the end of 11th grade

12th Grade

- A/G Government/Econ
- B English 4
- C Math Analysis (or higher)
- D Science
- E/F/G Language
- F/G Art or Elective

What You Can Do To Become College Ready:

- For UC College Testing Recommendation: SAT or ACT Assessment plus Writing retest in the Fall to improve your score
- For CSU College Testing Recommendation: SAT or ACT Assessment re-test in the Fall to improve your score
- Apply to colleges and universities
- Apply for FAFSA as soon as possible after October 1
- Apply for scholarships
- Students should have a minimum of 220 units completed at the end of 12th grade

A-G SUBJECT REQUIREMENTS

WHAT IS A-G?

The Subject Requirement, more commonly referred to as the "A-G" subject requirements, is 1 of 3 requirements needed to enter the University of California (UC) and Cal State University (CSU) as a freshman. Students must complete a pattern of 15 college-preparatory courses.

The chart below shows how the ESUHSD Graduation Requirements align with the A-G requirements.

ESUHSD Requirements must be passed with a D or higher	A-G Requirements must be passed with a C or higher
30 Credits	20 Credits
40 Credits	40 Credits
20 Credits	30 Credits (40 recommended)
20 Credits	20 Credits (30 recommended)
10 Credits of either World Language or Visual/Performing arts	20 Credits of the same language other than English, or through the second level of high school instruction (30 recommended)
	10 Credits
80 Credits	10 Credits
20 Credits	
	must be passed with a D or higher 30 Credits 40 Credits 20 Credits 10 Credits of either World Language or Visual/Performing arts

- There are variations between UC and CSU A-G Requirements. Students should consult with their counselor about the specific colleges they wish to attend.
- A student's grade point average (GPA) and test scores will also be considered. In order to be competitive, students should plan to take higher levels of courses that exceed the A-G requirements. Students should consult their counselor for guidance.
- Students can get ahead by taking Advanced Placement courses in Mathematics and Science courses as Electives.

ROADMAP FOR SUCCESS

STEP 1

Know What "A-G" Courses Are Required

STEP 3

Take The Practice SAT (PSAT) In 10th Grade

STEP 5

Take The SAT and ACT Exams

Required for 4-Year College Applications

STEP 7

Paying For College

neck for scholarships and college financial aid

STEP 2

Know When To Take Your A-G Classes

STEP 4

Take The Early Assessment Program (EAP) Exam In 11th Grade

ake this exam as part of the Grad 11 California Standards Test. It can take the place of CSU placement tests and certify you as "college ready"

STEP 6

Apply To College

4-Year and 2-Year Colleges and Universities

MEET OUR DEDICATED TEACHERS & STAFF



MEET MRS. HARRINGTON

NEW TECH BIOLOGY/LITERATURE | DOROTHY WRIGHT ENGLISH TEACHER AWARD

Mrs. Harrington has dedicated 22 years to ESUHSD. She taught AP English for many years then decided to join a team focused on designing the New Tech Biology/Literature curriculum where students engage in exploring the ethics of science and humanity through literature and labs, while enhancing their written and oral communication skills in a project- and problem-based learning environment. She enjoys the innovative classroom that authentically pushes students beyond themselves and into the community and global society.

Mrs. Harrington has served in leadership roles as a Department Chair and California Scholarship advisor.



MEET MR. ROSAS

STUDENT ADVISOR

Mr. Rosas is a proud graduate of James Lick High School and has served many roles as a former Department Chair, Activities Director, Athletics Director, coach, and Special Education teacher. While he enjoyed his time teaching many subjects in special education and working with families of students with disabilities, he wanted to expand and be able to assist more students with their high school experiences. Now as a Student Advisor, Mr. Rosas works with students to keep them on their path toward graduation. He advises students on attendance, relationships, and off campus issues and offers help in finding the correct resources for students and families. He continues to call the James Lick community his home and enjoys being part of the beautiful East Side.



MEET MR. INIGUEZ

PHYSICAL EDUCATION/PE MATH TEACHER

Mr. Iniguez is a proud graduate of Mt. Pleasant High School and is a first-generation college graduate in his family. He received a Bachelor's of Science degree in Kinesiology from San Jose State and returned to ESUHSD as a Physical Education teacher. Not only does Mr. Iniguez teach Physical Education, but he's coached the Boys Soccer Program and has served as Athletic Director. The best part of his career is learning and connecting with his students and building relationships as he was once in their shoes and can relate to both the challenging and exciting years in high school. He also enjoys collaborating with other teachers and co-teaches curriculum with Math and Special Education teachers.

TYPES OF COLLEGES & UNIVERSITIES

University of California (UC)	9 UC Schools UC Berkeley, UC Los Angeles, UC Santa Barbara, UC San Diego, UC Davis, UC Irvine, UC Santa Cruz, UC Riverside, UC Merced	
Private University	Example of Private Universities Carnegie Mellon University, Columbia University, Cornell University, Duke University, Harvard University, Howard University, Johns Hopkins University, Massachusetts Institute of Technology (MIT), New York University, Princeton University, Santa Clara University, Stanford University, University of Chicago, University of Miami, University of Notre Dame, University of Pennsylvania, University of San Francisco, University of Southern California (USC), Yale University	
Cal State University (CSU)	23 CSU Schools CSU Bakersfield, CSU Channel Islands, CSU Chico, CSU Dominguez Hills, CSU East Bay, CSU Fresno, CSU Fullerton, Humbolt State University, CSU Long Beach, CSU Los Angeles, CSU Maritime Academy, CSU Monterey Bay, CSU Northridge, California State Polytechnic University Pomona, CSU Sacramento, CSU San Bernardino, San Diego State University, San Francisco State University, San Jose State University, California Polytechnic State University San Luis Obispo, CSU San Marcos, Sonoma State University, CSU Stanislaus	
2-Year Community Colleges	There are 113 Community Colleges in California. Here are a few examples: Evergreen Valley College, De Anza College, Foothill College, Gavilan College, Mission College, San Jose City College, West Valley College	









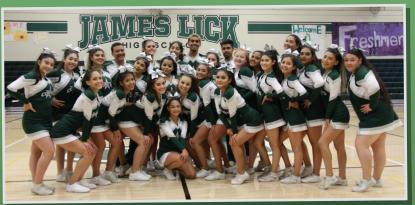


iMentor volunteers help inspire James Lick students to graduate high school and aim for college

ATHLETICS, EXTRACURRICULAR ACTIVITIES & CLUBS

SPORTS

Badminton, Baseball, Basketball, Cross-Country, Football, Soccer, Softball, Swimming, Tennis, Track & Field, Volleyball, and Wrestling

















CLUBS AND ORGANIZATIONS

Anime Club, Battle of Boards Awaken, Black Student Union, Calculus, Californians for Justice, Club Baliphant, Club Perú, Comet Kickbox, Computer Gamers, Dance, Environmental, Festival dia de Los Muertos, Film, Folklórico, Gay Straight Alliance, Glee Club, International Dance, Latino Student Union, Leo's Club, Weightlifting, Yearbook

SCHOOL CULTURE & COMMUNITY

We cherish our role in the community and endeavor to continue to be a source for artistic and cultural expression and community involvement. We offer events that welcome our students' families and friends.

- Parent & Student Field Trips to Colleges and Universities
- Parent Workshops (Bilingual)
- ▼ Parent Empowerment Conference
- iMentor
- Back to School Night
- School Site Council
- ▼ District-wide College Night
- Band & Choir Concerts
- Student Films
- Dances
- Dia de Los Muertos Festival
- Saturday Academy
- Student Volunteers
- Greenzone Tutoring with Teachers
- Coffee Talks with the Principal
- Dessert Discussions with the Principal
- Student Project Expo's
- Fiesta Latina
- Goodwill Assets After School Classes
- Science Saturdays with Stanford Graduate Students

















GLOSSARY

Advanced Placement (AP): Program administered by the College Board, consists of standardized high school courses that are equivalent to undergraduate college courses. AP Exams can earn students college credit and accelerated placement in college.

American College Testing (ACT): 3 ½ hour national college admissions exam that tests students knowledge in English, Math, Reading and Science.

CAASPP: California Assessment of Student Performance and Progress

Cal State University (CSU)

College Entrance Exams: Standardized, national tests that students will need to take to be considered for college (SAT, ACT).

District College Night: Many colleges and universities attend this event and provide materials and answer any questions. It takes place at Independence High School in September. Students and parents/guardians are welcome to attend at any grade level.

Early Assessment Program (EAP): Take this exam as part of the Grade 11 California Standards Test. It can take the place of CSU placement tests and certify you as "college ready".

Free Application for Federal Student Aid (FAFSA): Single most important application for need-based financial assistance. It is a federal form that looks at your need and determines a student's eligibility for federal, state, and college sponsored financial aid, including grants, educational loans, and work study programs.

GPA: Grade Point Average

Grants and Scholarships: Represent financial support awarded based on merit or merit plus need. They do not need to be repaid.

Guidance Plan: Counselors meet with all students at each grade level to discuss personal and academic exploration, refinement of career and college goals, and post high school planning.

Internships: Student internships available through our alliances with Strive San Jose and Genesys Works Bay Area.

Magnet & Career Technical Programs: Rigorous programs that focus on a special study and academic pathway.

Naviance: Online College and Career resource that provides students with college planning and career assessment tools.

PSAT: Preliminary Scholastic Aptitude Test (Practice Test)

SAT: Scholastic Aptitude Test

Most colleges require that students take the SAT or the ACT as a college entrance requirement.

STEM: Science, Technology, Engineering and Mathematics

University of California (UC)



RESOURCES

SCHOOL-SPECIFIC RESOURCES

iMentor = A program that matches each 11th and 12th grade student with a college-educated mentor for monthly meetings that nurture aspirations for college and alternate post-secondary paths

PCIS = Parent & Community Involvement Specialist: Patricia Arenas, arenasp@esuhsd.org, (408) 347-4656

USEFUL WEBSITES

ACT = actstudent.org

AP = apstudent.collegeboard.org

California Colleges (college/career planning) = californiacolleges.edu

College Board = collegeboard.org

College Toolkit = collegetoolkit.com

Community College = home.cccapply.org

CSU = www.calstate.edu

Dream Act = https://dream.csac.ca.gov

EAP/CSU = calstate.edu/eap

Fast Web (Scholarship Site) = fastweb.com

Federal Student Aid (FAFSA) = fafsa.ed.gov studentaid.ed.gov/sa/prepare-for-college/checklists/12th-grade

Financial Aid = finaid.org

Financial Aid Advice = college-financial-aid-advice.com

First in the Family = firstinthefamily.org

For Undocumented Students = finaid.org/otheraid/undocumented.phtml **and** https://mydocumentedlife.org

Gates Millenium Scholars Fund = gmsp.org

Go For It Scholarships = esuhsd.org/ Students--Parents/Resources/ Student-Resources/Go-For-It- Scholarship--/index.html

Going Merry Scholarships = goingmerry.com

Hispanic Association of Colleges and Universities = hacu.net

Historical Black Colleges & Universities (HSBC) = hbcuconnect.com

Hispanic Heritage Scholarship List = hispanicheritage.org/youth.php

Hispanic Scholarship Fund = https://www.hsf.net

NAACP Scholarship Opportunities =

naacp.org/page/s/scholarship2

SAT = collegeboard.com/student/testing/sat/reg.html

Scholarships.com = scholarships.com

Silicon Valley Community Foundation =

https://www.siliconvalleycf.org/scholarships

UC = universityofcalifornia.edu

United Negro College Fund = uncf.org

200 Free Scholarships for Minorities = blackexcel.org/200-Scholarships.html

GOOD STUDY HABITS & ADDITIONAL TIPS



SUPPORT GOOD STUDY HABITS

- Set a regular time for study each day
- Designate a quiet, well-lit area as your child's studying zone
- Limit distractions: No cell phone, video games, internet surfing or television
- Encourage your child to use the local public library. It's a quiet place to study and a great place for school research projects
- Get a good night's sleep and eat a healthy breakfast

CREATE A SUMMER READING LIST

- Continue to support your child in her/his learning
- Teachers, librarians and counselors may be able to provide recommendations

ADDITIONAL TIPS

- Discuss your child's college goals with counselors and teachers
- Fill out school lunch forms; this might help you obtain fee waivers for SAT and ACT exams
- Meet with teachers and counselors every year
- Help your student start a college information folder
- Visit colleges and make sure that you understand the admissions criteria and application process. Some colleges have virtual tours online
- Have your child sign up for a free account at www.collegeboard.org
- Make sure your child creates an appropriate email address that will be used for communication to colleges, possible summer jobs and internships
- Remind your child that entries on Facebook and other social networking sites are accessible to college admissions officers
- Join the Parent Teacher Student Association (PTSA) and attend meetings
- Attend high school Open Houses, Coffee with the Principal and information sessions

GRADUATE PROFILE

East Side graduates are prepared for college and career, powered with a plan and ready to thrive in a global society. **ESUHSD** graduates are:





COMMUNICATORS

Present and consider ideas using a variety of communication methods and technology appropriate to the audience and task.



CRITICAL THINKERS - PROBLEM SOLVERS

Develop and propose solutions to current and future challenges through a process of inquiry, analysis and inference.



COLLABORATORS

Work effectively with others to build knowledge and create solutions & products.



CREATORS

Formulate new ideas, individual responses and develop plans of action when faced with a task or problem.



COMMUNITY MEMBERS

Identify issues, seek out information, and gather perspectives to respond to challenges affecting our community.



POWERED WITH A PLAN

Students graduate with a plan to take the next step toward success in their path of study and career.

Join the 5,027 students who graduate each year ready to drive Silicon Valley



OUR VISION

Every student graduates prepared for college and career empowered to transform their lives and thrive in a global society.

OUR MISSION

To provide a safe, caring learning environment where students achieve the academic, personal, and social development required to pursue post-secondary education, compete in a changing job market, and participate in a multicultural, democratic society.



JAMES LICK HIGH SCHOOL

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