

Oakland Technical High School

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ATP/CEEB School Code 052240

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Home of the Bulldogs

Established 1914

Richard Fairly, Principal



2020-2021 School Profile

The strength of Oakland Technical High School (Oakland Tech) continues to be its academic reputation and emphasis on maintaining small learning communities, while enjoying the spirit and school climate of a large, comprehensive high school. The environment on campus is urban in culture with diverse metropolitan attitudes. The proximity of the University of California, Berkeley, California State University, East Bay, the myriad of private colleges and universities, and the Bay Area's business community has created a socially rich community with high academic expectations and a strong belief in quality public education. The student body reflects the Bay Area's vast range of racial, ethnic, educational, and socio-economic backgrounds. The ethnic/ racial makeup of our student population is, 24% Caucasian, 27% African-American, 17% Asian, 20% Latinx/Hispanic, 1% Filipino, 9% multiple ethnicities, and 2% other. Total student enrollment for 2020-2021 is 1960.

Oakland Tech is a Title I federal funding eligible school in which approximately 49% of the students qualify for free or reduced priced lunches. To minimize the learning achievement gap, each year Oakland Tech has made modifications to its curriculum and added interventions for struggling students. In 2018, Oakland Tech received an accreditation from the Western Association of Schools and Colleges (WASC) review committee until June, 30th 2022.

ACADEMICS 2020-2021

A quarter system is in place for 2020-21 due to distance learning. Students can take up to 7 classes this year. Students take 4 classes during quarters 1 and 3, and 3 classes during quarters 2 and 4. Prior to 2020-21, most students enrolled in 6 classes a semester, but students could have enrolled in up to 7 by taking a limited number of classes before or after school. Students earn five credits for passing each semester course (or quarter for 2020-21) with a D or higher. To graduate, students must complete 230 credits and complete a senior project.

Graduation Course Requirements: 230 Credits

- English ~40 credits
- Mathematics ~ 30 credits
- Social Studies ~30 credits
- Physical Education ~20 credits
- World Language ~20 credits
- Electives ~50 credits
- Science ~30 credits
- Visual/Performing Arts ~10 credits

Honors Courses

- English 3
- Comparative Govt. (Paideia)

Advanced Placement Courses

- English Lit & Composition
- Chemistry
- US. History
- Physics C: Mechanics
- Government & Politics: US
- Studio Art
- Statistics
- Computer Science A
- Calculus AB
- Computer Science Principles
- Calculus BC
- Spanish Language
- Environmental Science
- Chinese Language
- Biology

College and Career Readiness

Oakland Technical High School students have the option of a more flexible school day schedule to participate in college dual enrollment, concurrent enrollment, internship programs, or work. **Class of 2021: 137 students took 307 college classes**

TESTING

Due to COVID and testing cancellations, there is not enough testing data from 2020 to accurately give updated averages.

ACT Scores: Composite Averages

Year	2017	2018	2019
Oakland Tech	24.6	23.9	24.8
California	22.8	22.7	22.6

SAT Scores: Oakland Tech Mean

Year	2017	2018	2019
ERW	544	551	586
Math	538	537	590

National Merit Scholarship - Class of 2020

Commended - 10 Semi-Finalists - 2

SAT Subject Tests *for tests with 10+ students

Subject	Mean	# of Students
Literature	610	25
Math Level 2	668	85
Physics	656	45
U.S. History	695	31

AP Information 2019-2020

Number of students taking an AP Exam: 450

Total Number of AP Tests: 748

% of scores 3 or higher: 68%

Class of 2021: 494 Students - 4.0 weighted total GPA

• 85 have a 4.0 or higher (17%)	• 76 have 2.5-2.99 (15%)
• 129 have 3.5-3.99 (26%)	• 61 have 2.0-2.49 (12%)
• 96 have 3.0-3.49 (20%)	• 47 have less than a 2.0 (10%)

ACADEMIES & PROGRAMS

One of the strengths of Oakland Tech is our academy system. Students in grades 10-12 are given the opportunity to specialize in a particular field of interest in preparation for college and careers. Students are required to complete applications and interviews typically in the spring of 9th grade, after which academy directors make recommendations to counselors regarding admission.

Computer Science and Technology Academy: Students take computer science classes focused on digital information, the social impacts of technology, and specific computer programming languages. Students also engage in cross curricular projects at each grade level, culminating in a demonstration of mastery in the Graduate Capstone course.

Engineering Program: A highly competitive pathway which teaches students Physics, Architecture, and Engineering Graphics through project-based courses, preparing students for careers in Civil and Mechanical Engineering. Many graduates are admitted to and attend top engineering universities.

Fashion Arts and Design Academy: Features classes in fashion design, visual arts, graphic design, fashion marketing and history, and computer animation that include project-based curriculum and mentorships in partnership with the neighboring California College of the Arts.

Health Academy: The strong science curriculum and active community partnerships support the advanced academic, technical, and practical training required for a career or further education in health-related fields. Top students receive coveted internships.

Paideia Program: An interdisciplinary Social Science and English curriculum in grades 10-12 which includes History, Politics, Economics and Literature. These accelerated courses, including honors/AP classes (in grades 11 & 12), are rigorous and demanding, and are open to students upon teacher recommendation and student application, which is competitive. Students score well above the national average on AP exams.

Performing Arts Program: With focus on process, rehearsal, and performance, the program offers training in a broad spectrum of historical and contemporary performance work. Students study their specific creative discipline (Drama, Dance, Music) in depth, while given the opportunity for performance. The program also offers opportunities for pre-professional training in technical theatre arts.

Race, Policy, Law Program: An examination of the history, politics, theory, and law related to race and ethnicity in America. Emphasis is placed on providing critical contextual perspective on the intersection between realized experience and the law, increasing students' critical thinking, writing, and oral communication skills.

College-access outreach programs from local universities work within Tech's College & Career Center with an emphasis on providing support to low-income and first-generation college students

ATHLETICS

Oakland Tech is a member of the Oakland Athletic League (OAL) and offers the following sports: badminton, baseball, basketball, cheerleading, cross country, football, golf, soccer, softball, swimming, tennis, track/field, volleyball, and wrestling. Students can participate on club ice hockey, mountain biking, ultimate frisbee, lacrosse, and rowing teams. Students have received Student Athlete Awards for boys and girls the last five years. The Spring 2020 season was cut short due to COVID, and Fall 2020 sports have been canceled.

AWARD WINNING/NOTABLE STUDENT ACTIVITIES

Engineering Projects: Exhibited and awarded top honors by UC Berkeley College of Engineering, California State Fair, and Alameda County Fair over the last three decades. 21 students received Judges Favorite, Best of Class, or Best of Show at the 2018 Alameda County Fair.

Computer Academy Projects: Judges Award – Top rookie team at First Robotics Competition Silicon Valley Regional, 2015. One of the first programs to pilot the AP Computer Science Principles class, which is now a course offering along with AP Computer Science A.

Jazz Band: Reno Jazz Festival contestant and award recipient. Disneyland performance with Orchestra. Music program was recognized by the Grammy Museum with a \$5000 grant.

Contact information for school counselors

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College enrollment for class of 2019 *not a full list of schools

Approximately 55% reported plans to attend 4-year colleges; 25% reported plans to attend community colleges; 2% plan on taking a gap year

Academy of Art University	California State University, San Jose	Harvey Mudd College	Smith College
Alabama State University	California State University, San Marcos	Holy Names University	Stanford University
American University	California State University, Sonoma	Howard University	Tulane University
Arizona State University	Carleton College	Johns Hopkins University	University of California, Berkeley
Berkeley City College	Carnegie Mellon University	Laney College	University of California, Davis
Brandeis University	Chabot College	Macalester College	University of California, Irvine
Cal Poly San Luis Obispo	City College of San Francisco	Merritt College	University of California, Los Angeles
California State University, Chico	College of Alameda	Northwestern University	University of California, Merced
California State University, East Bay	Contra Costa College	Oberlin College	University of California, Riverside
California State University, Long Beach	Cornell University	Oregon State University	University of California, San Diego
California State University, Maritime Academy	CUNY Hunter College	Pitzer College	University of California, Santa Barbara
California State University, Monterey Bay	Diablo Valley College	Pomona College	University of California, Santa Cruz
California State University, Sacramento	Drexel University	Sacramento City College	University of Pennsylvania
California State University, San Diego	Emerson College	Scripps College	University of Southern California
California State University, San Francisco	Grambling State University	Seattle Central College	Xavier University of Louisiana