**46%**

**28%**

Worldwide | Troy

**46% of Troy's May 2018 AP Computer Science exams were taken by females**
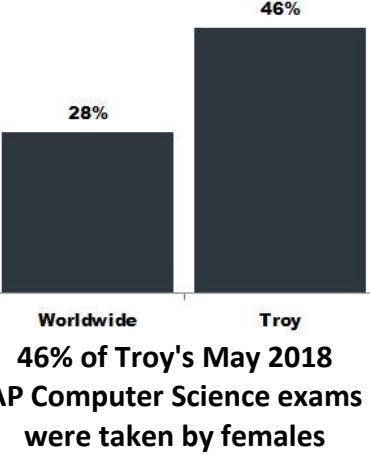
Students in the Design Technology for Engineers IB SL course

**Troy High School** welcomes 8th grade students to apply to our nationally recognized STEM-based magnet program for 2019-2020

Troy Future Business Leaders of America team wins 6th in California 2018

**19/22 Athletic Teams reached CIF Playoffs in 2018**

**56% of Troy's athletes participate in Troy Tech**

## Applicant Information

Troy Tech welcomes eighth grade applicants throughout Southern California. Applicants outside the Fullerton Joint Union High School District begin the inter-district transfer process after acceptance.
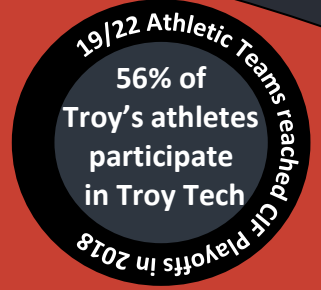
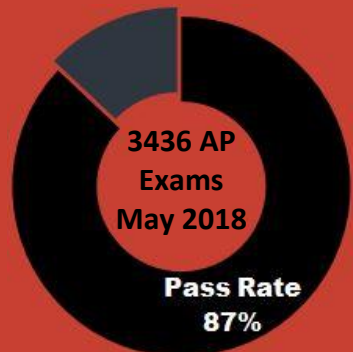### Parent & Student Information Events

- **December 5, 2018**: Troy Tech Visitation Afternoon from 3:30 - 4:30 p.m. with selected classrooms open representing each department, general information sessions in the Lecture Hall, athletic activities, and more.
- **January 16, 2019**: Troy Tech/IB Student-Focused Information Night Presentation, North Gym 7:00 - 8:00 p.m.
- **January 24, 2019**: Troy Open House for the entire campus from 6:00 - 7:30 p.m. including current and prospective students

### Troy Tech/IB/Honors Testing for Current 8th Graders

- **Application:** Applicants are encouraged to register online between December 1, 2018 and January 23, 2019 at applicants.troyhigh.com; however, applications are available at the testing and walk-ins are welcomed. Your application will be processed upon the parent **AND** student's sign-in on the test date.
- **Testing:** January 12, 19, or 26, 2019 (select one) from 7:30-11:45 a.m. Check-in at North Gym 7:15 a.m. Bring student photo id or passport, printout of 8th grade schedule listing current math course, and a parent to sign documents. Testing covers mid-year eighth grade content in English and math. The test format is multiple choice questions and an English essay. The best preparation for testing is successful progress in a challenging eighth grade course of study.
- **Notification:** Approximately March 1, 2019 - Letters of notification will be mailed to homes of all applicants. Acceptance letters include March registration time.

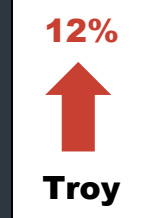**More information for applicants on applicants.troyhigh.com**

# Troy Tech

**3436 AP Exams May 2018**

**Pass Rate 87%**

**12 Time National Science Olympiad Champions**

Governmental Leadership · Engineering · Cyber Defense · Computer Science · Business · Media
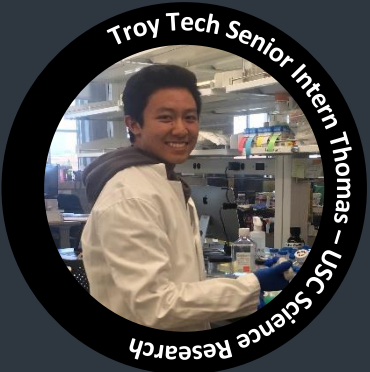
**#1 Best Public High School and Teachers in the Los Angeles Area and Orange County 2019**, *Niche*

**#32 Best STEM High School in the Nation 2018**, *U.S. News & World Report*

**#1 Best Public School in Orange County 2018**, *Parenting OC Magazine*

Troy Tech Senior Intern Thomas – USC Science Research

**Troy High School** is tuition-free. Approximately 2700 students attend with 65% participating in Troy Tech and over 120 junior highs represented. Troy students excel in academics, athletics, fine and performing arts, and activities.

**Principal:** William V. Mynster, Ph.D.
**Troy Tech Program Coordinators:** Laurie Downum-Bonnett TT, Charlotte Kirkpatrick TT/IB

**TROY HIGH SCHOOL** 2200 E. Dorothy Lane, Fullerton, CA 92831
714-626-4425 TT/IB office
troytech@fjuhsd.org email
www.troyhigh.com website

Find us on social media @WeAreTroyTech

The Troy Tech Magnet Program at Troy High School in Fullerton offers a 4-year rich academic program in a comprehensive public high school environment.

**12%**
↑
**Troy**

### Will I standout when I apply to colleges?

- Troy Tech Seniors complete defining internships that create a competitive edge.
- Out of the 25 colleges to which Troy seniors most apply, applicants have an average **12%** higher acceptance rate.
- Compared to the national average, Troy acceptance rates are 25% higher at USC and Caltech, 21% higher at UC Berkeley, and 5% higher at Stanford.

## TROY WARRIORS

## Troy Tech Magnet:
4 Year Technology Based Program – Unique to Troy

## International Baccalaureate:
2 Year IB Diploma Program – Offered Worldwide

### Ninth Grade
AP Computer Science Principles is required of all Troy Tech students and sets the foundation for the pathways.

### Pathways

**Media**
Adobe Photoshop and Premiere certifications, Troy Productions, Omnia daily broadcast, Oracle newspaper, Illium yearbook. Recognized at All American HS Film Festival, OC Register Varsity Arts, OC Journalism Education Assoc. Dual credit options and IB.

**Business**
Dual credit options, certifications in Word, Excel, and Business, and IB. FBLA has over 250 student members and competes at nationals each year.

**Computer Science**
4 years of programming. AP and IB exams qualify for college credit. Recognized #1 CS program in the world by College Board. Programming contest champions Code Quest, LA Progfest, and Wittry. eSports, Data Science, and other clubs.

**Cyber Defense**
CompTIA certifications. Largest competitive program in the US with 300 students. CyberPatriot National Champions 2018.

**Engineering**
SolidWorks CSWA certification and IB. FIRST Robotics Team participates in annual build competition.

**Governmental Leadership** Over 320 cadets in largest program West of MS. #1 NJROTC program California. Competitive teams black, red, INSECT, SeaPerch, orienteering, and marksmanship.

### Senior Internships
Students complete the program with a 150-hour experience at a business site or university with a professional mentor. Over 400 seniors earn internship credit each summer. Students are guided by Troy Tech Advisors as they secure internships through their own network, job shadows, or at past Troy Tech intern sites.

## Troy Tech Pathways 2018-2019

AP Computer Science Principles

| Media | Business | Computer Science | Cyber Defense | Engineering | Governmental Leadership |

- Media Concepts Honors
- Broadcast Journalism Honors / Film Studies IB SL
- Film Studies: IB HL 2
- Advanced Journalism
- Publications/ Yearbook

- Business Systems/ Accounting for Business
- Business & Management IB SL
- International Business Honors
- FBLA is an approved Troy club

- Computer Science A AP
- Computer Science IB SL
- Computer Science IB HL 2

- Computer Operating System Security Honors
- Cyber Defense Fundamentals Honors
- Network Security and Computer Forensics Fundamentals Honors (19-20)
- Cyber Security Competition Team is an approved Troy club

- Mechatronics Honors
- Introduction to Design Technology
- Design Technology for Engineers IB SL
- FIRST Robotics Competition Team is an approved Troy club

- NJROTC 1*
- NJROTC 2*
- NJROTC 3
- NJROTC 4

*NJROTC 1 and 2 are required substitutes for physical education in the freshman and sophomore years.

Internship

Note: Pre-Internship curriculum is completed throughout the Troy Tech Junior year under the guidance of an assigned Pre-Internship Coach in order to qualify for Senior Internship.

Troy Tech courses are year-long. This chart shows courses available in each pathway. The courses that must be taken in sequence are noted with a connecting arrow.

## IB DIPLOMA PROGRAMME

**The IB Diploma Program is the most rigorous option for Troy students.**
- A student considering this program will participate in the first two years of high school honors/AP classes.
- In spring of 10th grade, the IB Coordinator seeks qualified students interested in the IB Diploma.
- IB Diploma includes core curriculum, study, and testing in 6 subject groups.
- Students have the option to complete a partial IB Program, and test in one or more of the 6 IB subject groups.
- **Universities love Troy IB grads!** 2018 grads now attend UC Berkeley, UCLA, UC San Diego, UCI, Caltech, Yale, Brown, Columbia, and West Point among other exceptional universities.
- For more IB information: www.ibo.org

**99% of Troy graduates attend college and 75% attend 4-year colleges.**

**Will I succeed at Troy?**
Students, staff, parents, alumni, and mentors are devoted to success. Link Crew is a freshman transition program with 170 junior and senior student leaders. Peer tutoring club provides free tutors. 100 student clubs connect students and provide leadership opportunities. Extended library hours provide study space before and after school.

**2018 Troy Tech Graduates speak to prospective students:**
- Troy offers the best and pushes students to work harder. Elaine 2018, Caltech
- You should go to Troy because it allows you to connect with people who have the same drive as you. Annabella 2018, CSUF
- Before attending Troy, the Troy Tech Program seemed prestigious yet difficult. Now I realize that although it may be harder than other routes, I have gained valuable knowledge that most students will learn in college. Brandon 2018, UCI

**Internship Mentors speak about Troy Tech Interns:**
- Lydia has carried out research at the level of an undergraduate student researcher. I am using some of her results at an upcoming conference. MIT, Chemical Engineering
- Alana is the best intern that I've ever had. I will be writing her recommendation letter, but can't speak highly enough about how well she has done. Boeing, IT
- Ryan exceeded expectations during his internship. I was pleased to have him work with us this summer. Children's Hospital Los Angeles, Clinical Pediatrics

## IB Diploma Program of courses at Troy

The program was established in 1986 at the same time as the Troy Tech Program.

**Core Curriculum:**
*Theory of Knowledge course, CAS and Extended Essay*

**Group 1: Language A**
*English HL*

**Group 2: Language Acquisition (Language B)**
*Spanish, French, Chinese, SL/HL all languages*

**Group 3: Individuals and societies**
*History of Americas HL, Business and Management SL, Philosophy HL*

**Group 4: Sciences**
*Biology SL/HL Physics SL/HL, Design Technology SL, Computer Science SL/HL*
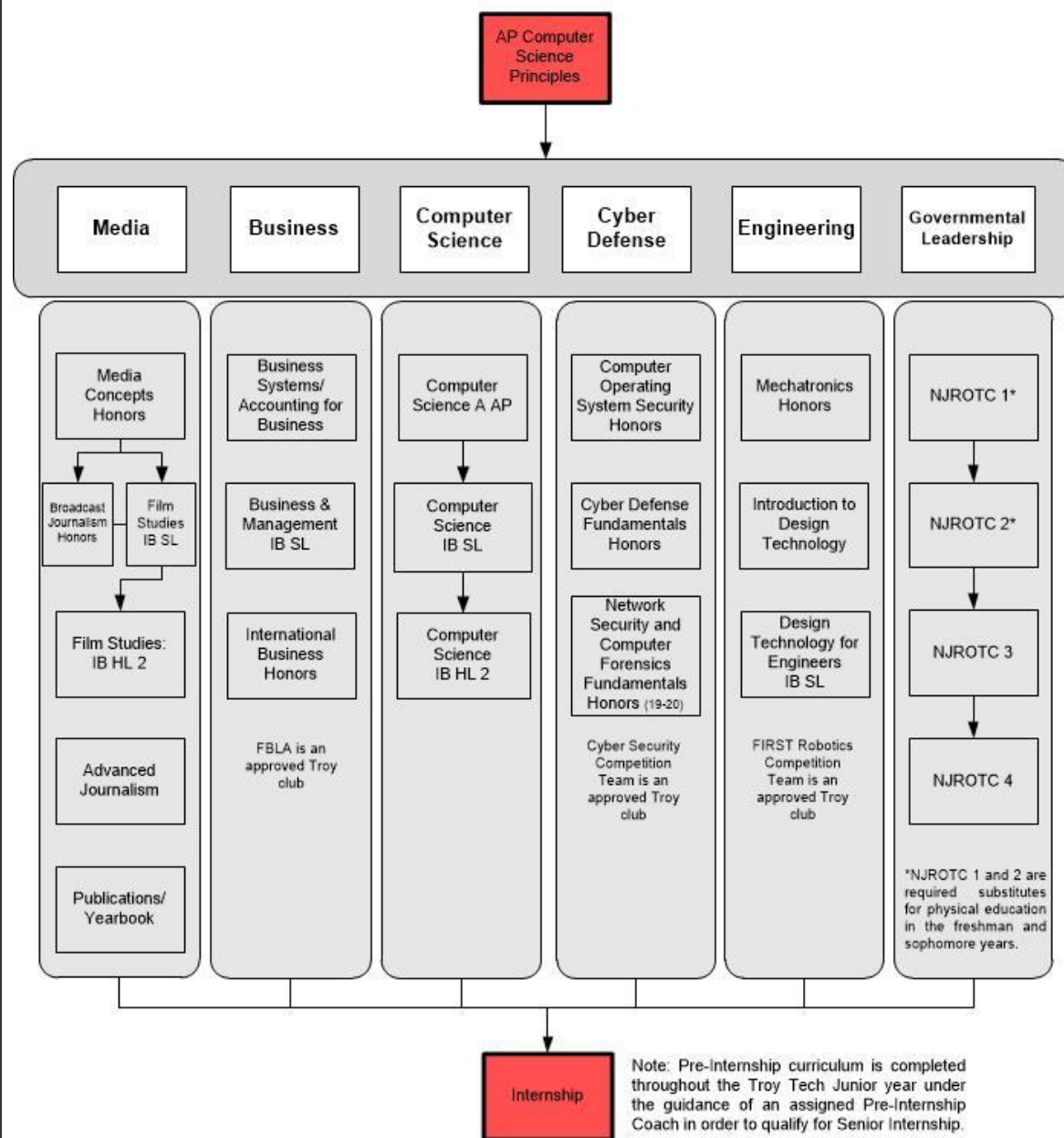
**Group 5: Mathematics**
*Mathematics HL/SL*

**Group 6: Arts**
*Visual Arts SL/HL, Film SL/HL Or an elective from one of the other groups*

Program information for juniors and seniors: currentib.troyhigh.com

The courses are open to all students. Students may test if they complete all the requirements in any one course. There are fees for the exams including a registration fee.