



4 Year STEM Based Program Est. 1986 — Unique to Troy

# Troy Tech

Grade 9:  
AP Computer  
Science Principles

Grades 10-12: Pathways offer Honors (H), AP, IB, Cambridge (CAM), and Certifications\*

## Media

Media Concepts H  
Film 1 CAM AS Media  
Studies (IB SL 11th)  
Film 2 CAM A Media  
Studies (IB HL2 12th)  
Sports Broadcast H1&2  
Broadcast Journalism H1&2  
Advanced Journalism  
Yearbook H

## Business

Empowering  
Entrepreneurs H  
International Business  
H (CAM)  
Business Management  
IB SL (CAM)

## Computer Science

Cambridge Advanced  
Computer Science  
AS Year 1 (CAM)  
Computer Science A  
AP (IB HL 1)  
Cambridge Advanced  
Computer Science  
A Year 2(CAM)  
Computer Sci. IB HL 2

## Cyber Defense

Digital Technology  
Fundamentals H\*  
Networking Security  
Essentials H\*  
Cybersecurity 101 H\*

## Engineering

Mechatronics H  
Cambridge Design &  
Technology AS  
Year 1 (IB SL 11th,  
CAM)\*  
Cambridge Design &  
Technology A Year 2  
(CAM)\*

## Governmental Leadership

Naval Junior Reserve  
Officers Training  
Corps (NJROTC) 1  
NJROTC 2  
NJROTC 3 H  
NJROTC 4 H

Senior Internship  
(374 Interns Class of 2023)

Troy Tech Senior Internships offer defining experiences at a business site or university with a professional mentor.

To view the expanded Troy Tech Pathways Chart: [troytech.troyhigh.com](http://troytech.troyhigh.com)



## Cambridge

**Cambridge International A Level & AICE Diploma  
2 Year Pathways — Offered worldwide**

Established at Troy in 2020.

TT & Cambridge can be completed simultaneously.

Troy's Cambridge Course Pathways offer students options for A Level Exams and AICE Diploma.

- A Level Exams require commitment to a two year course sequence including AS & A courses
- A Level Exams are widely recognized and can individually qualify students for up to 12 quarter (8 semester) units at UC's
- AICE Diploma program requires Cambridge AS Level Global Perspectives & Research course and A Level Exams in three subject groups (Mathematics and Science, Languages, Arts and Humanities)

Exams available grades all four years.

**Troy Cambridge:** [cambridge.troyhigh.com](http://cambridge.troyhigh.com)

**Worldwide Cambridge:** [cambridgeinternational.org](http://cambridgeinternational.org)



## International Baccalaureate

**International Baccalaureate IB Diploma  
2 Year Program — Offered worldwide**

Established at Troy in 1986.

TT & IB can be completed simultaneously.

**Core Curriculum:** Theory of Knowledge, Creativity, Activity, Service (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 & Societies** Business & Management SL, Philosophy HL

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

**Group 5: Mathematics** Mathematics: Analysis and Approaches SL/HL

**Group 6: Arts** Visual Arts SL/HL, Film SL/HL, elective

Exams available grades 11-12 only.

**Troy IB:** [ib.troyhigh.com](http://ib.troyhigh.com)

**Worldwide IB:** [ibo.org](http://ibo.org)

**9th grade Troy Tech students pre-qualify for Cambridge and IB Programs. Program commitment is confirmed when 9th grade Troy Tech students register for 10th grade courses in February 2024.**