



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

Computer Operating
System Security H*
Cyber Security
Fundamentals H*
Network Security &
Comp Forensics
Fundamentals 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



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

Worldwide Cambridge: 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 Ap-
proaches SL/HL

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

Exams available grades 11-12 only.

Troy IB: ib.troyhigh.com

Worldwide IB: 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.