



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

Networking Security Essentials H*
Cybersecurity 101 H*

CyberPatriot Teams available after school

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
(401 Interns Class of 2024)

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 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

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 2025.