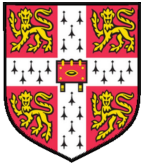


Troy High School Cambridge Program

Program Overview for Interested Troy High School Students



cambridge.troyhigh.com

Updated: 2/18/25

Introduction to Cambridge

Cambridge International Education (CIE)

CIE Quick Facts

- Established in 1858, Cambridge International Education (CIE) is a branch of the renowned **University of Cambridge** in England.
- Cambridge International Education is the **world's largest** provider of international education programs and qualifications.
- In 2023, Cambridge International administered over **270,000** AS & A Level exams in **147** countries, including the United States.
- Over **2,350** universities in 90 countries [recognize CIE qualifications](#), including over **880** universities in the United States.



In 2024, **147** Troy students took 341 Cambridge exams, passing them at a remarkable **94%** rate.

Also in 2024, of our 34 AICE Diploma students, **27** earned their AICE with Merit or Distinction.

Recognition & Acclaim for Cambridge

“Students who have studied Cambridge International AS and A Levels have a real **depth of understanding** of the subject matter that they have had classes in, and a real engagement with it.”

- Stuart Schmill, *Dean of Admissions*
Massachusetts Institute of Technology (MIT)

“The Cambridge curriculum is **superb preparation** for university.”

- Christoph Guttentag, *Dean of Admissions*
Duke University

“The depth and knowledge displayed by the best A Level students makes them **prime targets** for America’s Ivy League universities.”

- Richard Levin, *President*
Yale University

“Analytical thinking skills, critical thinking skills, communication skills – Cambridge encompasses all of this. Students **engage in a way** that prepares them for the experience they find in college.”

- Greg Roberts, *Dean of Admissions*
University of Virginia



Troy's Innovative Cambridge Program

Partnering in Excellence

Troy High School's Cambridge program is one of the few like it in the world, representing an **innovative**, ongoing collaboration between Troy and CIE.

Specifically, all Troy students have the opportunity to take multiple A Level courses and exams and optionally earn an A Level-focused **AICE Diploma**.

Participation on Campus

Troy High School's Cambridge program launched in **2020** and first tested in 2022. Our inaugural AICE Diploma class (34 students) graduated in **2024**.

In 2025, roughly **200** Troy students (5-7%) participate in the Cambridge program by taking A Level exams and/or pursuing the AICE Diploma.



"We want to partner with innovative schools who are globally standardized, always evolving, and provide advanced pedagogy. The focus on A Levels and a specialist profile here is *good*."

- Ben Schmidt
Director, International Network
Cambridge International Education

Source: Troy High School Site Visit, 2024

Cambridge A Level Exams

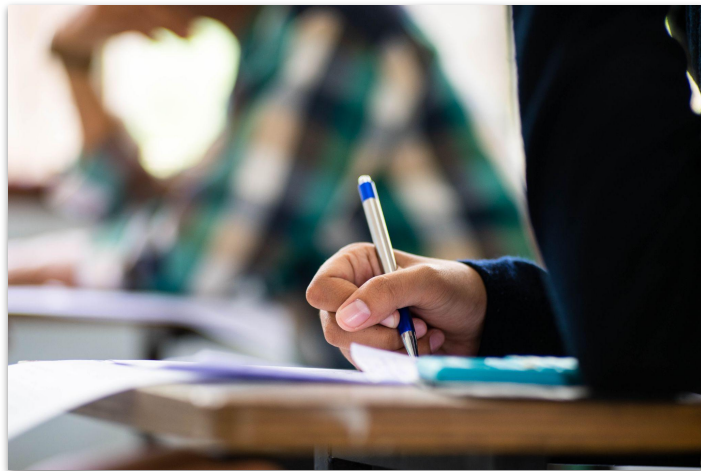
Overview of A Level Exams

What Is an A Level Exam?

A Cambridge **A Level exam** is a rigorous standardized exam offered at the end of a two-year Cambridge course sequence. A sequence consists of one AS class (taken in Year 1) and one A Level class (Year 2). The exam assesses two years of learning.

Who Can Take an A Level Exam?

Any student who finishes a Cambridge two-course sequence can take the A Level exam in that subject. They do *not* need to be an AICE Diploma candidate. In this way, an A Level exam is similar to an AP or IB exam (“take the class, take the exam”).



Example: The Business A Level exam consists of: [Paper 1 \(AS\)](#), [Paper 2 \(AS\)](#), [Paper 3 \(A2\)](#), [Paper 4 \(A2\)](#). A student sits for the four Papers over the course of three weeks.

The Benefits of A Level Exams

Why Take an A Level Exam?

College Credit: A student who passes an A Level exam with a high score can potentially earn **college credit** or **articulation**. For example, the UC's selectively award [up to 12 Quarter Units](#).

College Application: Passing an A Level with a high score is an **unusually impressive** accomplishment, reflecting an advanced degree of subject mastery. It is especially rare in the US.

AICE Diploma: To earn the AICE Diploma at Troy High School, a student must pass three A Levels (and Global Perspectives AS). The A Level-focused AICE Diploma is an **outstanding accolade**.



Note: A strong A Level exam score does not guarantee the student will receive credit from the university they prefer (same as with AP and IB). It *always* reflects well.

Cambridge AICE Diploma

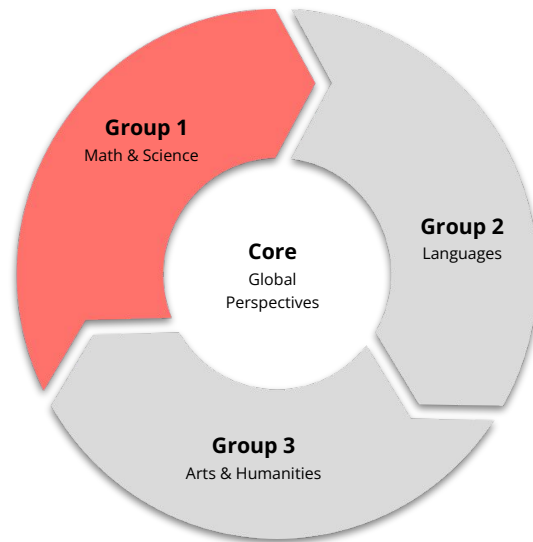
The "A-Level" AICE Diploma at Troy

What Is the AICE Diploma?

The Cambridge AICE Diploma is a flexible, streamlined program of advanced study that a student designs and takes over **three years**. A student who fulfills the requirements earns the award and is recognized as an AICE Diploma Student at graduation.

What Are the AICE Requirements?

At Troy High School, to earn the AICE Diploma, a student takes one **A Level two-course sequence** from each of three Groups, plus the Global Perspectives course (seven classes total). They must pass all of the respective AS and A Level exams.



Distinctive: Troy's AICE Diploma, given its "three A Levels requirement," is unique and **respected**. Many programs only require taking AS courses and exams.



Troy High School Cambridge AICE Diploma Pathways



An AICE Diploma candidate must complete one two-course sequence from each Group, plus the Core course: Global Perspectives & Research. The student must pass all Cambridge exams associated with their selected courses. They have three school years to fulfill the requirements.

Grade	Group 1 Mathematics & Science	Group 2 Languages	Group 3 Arts & Humanities	Core
9	<div>Biology AS</div> <div>Year 1 AS</div> <div>Y0867</div>	<div>English 1H CAM</div> <div>Year 1A Pre-Req</div> <div>Y0312</div>		
10	<div>Biology A Level</div> <div>Year 2 A Level</div> <div>Y0878</div>	<div>English AS</div> <div>Year 1B AS</div> <div>Y0872</div>	<div>History AS</div> <div>Year 1 AS</div> <div>Y0864</div>	
11	<div>AP Calculus BC</div> <div>Year 1 AS</div> <div>Y0563</div>	<div>English A Level</div> <div>Year 2 A Level</div> <div>Y0325</div>	<div>Media St. (Film 1) AS</div> <div>Year 1 AS</div> <div>Y0395</div>	
12	<div>AP Statistics</div> <div>Year 2 A Level</div> <div>Y0605</div>	<div>AP Spanish</div> <div>1 Point* AS</div> <div>Y0525</div>	<div>APUSH A Level</div> <div>Year 2 A Level</div> <div>Y0808(Y)</div>	
	<div>AP Physics 1 or 2</div> <div>Year 1 AS</div> <div>Y0276 or 277</div>	<div>Design Tech AS</div> <div>Year 1 AS</div> <div>Y0400</div>	<div>Media St. (Film 2) A Level</div> <div>Year 2 A Level</div> <div>Y0427</div>	
	<div>AP Physics 2 or C</div> <div>Year 2 A Level</div> <div>Y0277 or 781</div>	<div>Design Tech A Level</div> <div>Year 2 A Level</div> <div>Y0405</div>	<div>Intrnt'l Business AS</div> <div>Year 1 AS</div> <div>Y0156</div>	
	<div>CAM Comp Sci A Level</div> <div>Year 2 A Level</div> <div>Y0860</div>	<div>AP Chinese</div> <div>1 Point* AS</div> <div>Y0512A</div>	<div>Business MGMT IB A Level</div> <div>Year 2 A Level</div> <div>Y0213</div>	
	<div>Or Take A Level in 11th</div>	<div>Or Take Sequence 11th & 12th</div>	<div>Or Take Sequence 11th & 12th</div>	<div>Global Perspectives AS</div> <div>Core AS</div> <div>Y0896</div>

* If an AICE Diploma candidate takes a 1-Point course for their Group 2 requirement, they must also take one *additional* AS course and exam from any course sequence.

How to Plan Your AICE Diploma

1. Decide on a two-course sequence from each Group you want to pursue. Ideally, it is an area of *interest* or *skill*.

2. Plug these courses and the Global Perspectives course into your **AICE Diploma Planner** (on pages 1 & 2). Add your other classes, too.

3. On page 3 of your AICE Diploma Planner, add your **exam dates**. This will help with your exam registration.

4. Book a **meeting** with Mr. Laubhan to review your AICE Diploma Planner before class registration in February.

4. Check Google Classroom and your email regularly for **announcements**.

Group 1

Math & Science

- Biology AS > Biology A Level
 - AP Calculus BC > AP Statistics
 - AP Physics 1 > AP Physics 2
 - Computer Science AS > Computer Science A Level
 - Design & Technology AS > Design & Technology A Level
-

Group 2

Languages

- English 1H Cambridge > English AS > English A Level
- Alternate AS Options: AP Spanish or AP Chinese*
-

Group 3

Arts & Humanities

- History AS > AP US History A Level
 - Media Studies AS > Media Studies A Level
 - International Business AS > Business Management IB-HL / A Level
-

Group 4

Core

- Global Perspectives AS

Thank You!