



## **Bethel High School**

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### **The Cambridge Program at Bethel High School**

The Cambridge Program at Bethel High School develops thinking skills through academic rigor, prepares students for university life, and provides connections to and understanding of the global community. These aims are met by utilizing a challenging, accelerated curriculum based on the University of Cambridge's Cambridge Assessment International Education program. The curricula, which falls into four areas – Math and Science, Languages, Arts and Humanities, and Global Perspectives – provides a well-balanced course of study for academically able students.

Each of Cambridge International's thoroughly developed syllabi enhances students' understanding of subjects, encouraging independent learning and constructive thinking skills – all of which are highly prized by universities. Students joining the Cambridge Program become more confident, responsible, reflective, innovative, and engaged; our students are often more equipped than their peers for success in the fast-changing modern world. Stuart Schmill, Dean of Admissions, Massachusetts Institute of Technology states, "Cambridge students are very well-prepared for our curriculum and we find that they have a lot of confidence, but also that they have good deep subject knowledge, and the ability to think critically." ([www.cambridgeinternational.org](http://www.cambridgeinternational.org))

Upon successful completion of the AICE curricula, students enrolled in the Cambridge Program at Bethel High School may earn the Advanced International Certificate of Education (AICE) Diploma. To earn the AICE Diploma, students must demonstrate the skills of independent research and investigation, the use of initiative and creativity, and the application of knowledge and skills, in four areas - Math and Science, Languages, Arts and Humanities, and Global Perspectives. English General Paper is an optional area of study which students sit for an exam during their sophomore year. English General Paper counts towards the required credits to earn the AICE Diploma. The AICE Diploma requires students to earn a total of 7 AICE credits with at least 1 credit earned from each of the four areas.

## Course Pathway\*

Grade	English	History	Mathematics (Sequence I)	Mathematics (Sequence II)	Science
<b>9</b>	English Literature Syllabus 0486 IGCSE	Thinking Skills/Econ Syllabi 9694 & 0455 IGCSE	Mathematics Syllabus 0580 IGCSE**	Mathematics – Year 1 Syllabus 9709 AS Level	Coordinated Science (Biology, Chemistry, Physics) Syllabus 0654 IGCSE
<b>10</b>	English General Paper Syllabus 8021 AS Level**	Global Perspectives Syllabus 9289 A Level**	Mathematics – Year 1 Syllabus 9709 AS Level	Mathematics – Year 2 Syllabus 9709 AS Level**	Biology Syllabus 9700 AS Level**
<b>11</b>	English Language Syllabus 9093 AS Level**	History/US Government Syllabus 9389 AS Level**	Mathematics – Year 2 Syllabus 9709 AS Level**	Mathematics – Year 3 (Mechanics) Syllabus 9709 AS Level**	Chemistry Syllabus 9701 AS Level**
<b>12</b>	Literature in English Syllabus 9695 A Level**	European History Syllabus 9389 AS Level**	Mathematics – Year 3 Syllabus 9709 AS Level**	Mathematics – Year 4 (Statistics) Syllabus 9709 AS Level**	Physics Syllabus 9702 AS Level**

\*Information subject to change.

\*\* Required Exam

Note: Students currently enrolled in Algebra will follow Mathematics Sequence I. Students currently enrolled in Geometry will follow Mathematics Sequence II.

## AICE Diploma Requirements

Students may earn either an AS Level Qualification or an A Level Qualification depending on the course and exams taken. Both AS and A Levels are considered college level courses of study. AS Level Qualifications count as one AICE credit whereas A Level Qualifications count as two.

In mathematics, students will have the opportunity to earn their AS Level credit after completing the Mathematics-Year 2 course. The scores from the two AS Level math papers are included with the two papers taken after Mathematics-Year 3 and may calculate the final A Level score. Students earn a total of two credits, not three. This is also the policy for AS/A Level History depending on exam scores.

Cambridge awards six marks: A\*, A, B, C, D, and E. Mark E is equivalent to a grade of “C” as well as a “3” on an Advanced Placement (AP) Examination. Students earning less than an E mark do not receive credit toward the AICE Diploma. Please note: AS Levels are ineligible for the A\* mark.

The AICE Diploma is awarded at three different levels (in descending order): Distinction, Merit, or Pass, depending on the grades earned on the Cambridge AICE examinations.

To qualify for the AICE Diploma, students must earn seven AICE credits within a 25-month period. Students must earn at least one credit in each of the following areas:

Math & Science  
Languages  
Arts & Humanities  
Global Perspectives  
English General Paper\*

The Cambridge Program at Bethel High School offers the following AS and/or A Level Classes in each area.

Mathematics & Science (Group 1)	Arts & Humanities (Group 3)
Biology – Syllabus 9700 Chemistry – Syllabus 9701 Physics – Syllabus 9702 Mathematics – Syllabus 9709	History – Syllabus 9389 Literature in English – Syllabus 9695
Languages (Group 2)	Global Perspectives (Group 4)
English Language – Syllabus 9093	Global Perspectives – Syllabus 9239
English General Paper (Group 5)* An additional way to earn one credit toward the diploma	

Each university has a unique policy on admission and credit by examination based on the AICE Diploma. Students are advised to research universities and their policies. Cambridge Assessment International Education also has its own recognition page, but students are still encouraged to do their own research beyond this webpage.

Please see [www.cambridgeinternational.org/recognition](http://www.cambridgeinternational.org/recognition) for the most current recognition database.