

The Cambridge Program at Juanita High School

The Cambridge Program at Juanita 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. “Juanita High School is amazing and I consider it one of the crown jewels of Cambridge in America,” said Mark Cavone, U.S. Regional Director, Cambridge International Examinations, North America.¹

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.”²

Upon successful completion of the AICE curricula, students enrolled in the Cambridge Program at Juanita High School 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. 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.

¹Schools in the News, Lake Washington School District, 6 April 2017

²www.cambridgeinternational.org

JUANITA HIGH SCHOOL

Cambridge Program

Course Pathway*

Grade	English	History	Mathematics	Science
9	English Language <i>Syllabus 0500</i> IGCSE	History <i>Syllabus 0470</i> IGCSE	Mathematics – Year 1 <i>Syllabus 9709</i> AS Level	Combined Science (Biology & Chemistry) <i>Syllabus 0653</i> IGCSE
10	English Language <i>Syllabus 9093</i> AS Level	Global Perspectives & Research <i>Syllabus 9239</i> AS Level	Mathematics - Yr 2 <i>Syllabus 9709</i> AS Level	Physics <i>Syllabus 0625</i> IGCSE
11	Literature in English <i>Syllabus 9695</i> AS Level	History/Civics <i>Syllabus 9489</i> AS Level	Mathematics – Yr 3 <i>Syllabus 9709</i> A Level	Chemistry <i>Syllabus 9701</i> AS Level
12	Literature in English <i>Syllabus 9695</i> A Level	History <i>Syllabus 9389</i> A Level	AP Calculus AB, AP Calculus BC, or AP Statistics (student choice) AP Exam	Biology <i>Syllabus 9700</i> AS/A Level

*Information subject to change.

Note: Students currently enrolled in Math 8 or Algebra will have an option for math placement.

Enroll in Geometry and then start Pure Math I in the 10th grade. Students will take A Level Math in 12th grade.

OR

Enroll in Geometry concurrently with Mathematics – Year 1.

AICE Diploma Requirements

Students may earn either an AS Level Qualification or an A Level Qualification depending on the course. 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 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 to 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 and AS/A Level English Literature.

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, Language, Art & Humanities, and Global Perspectives & Research.

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

Mathematics & Science	Arts & Humanities
Biology – Syllabus 9700 Chemistry – Syllabus 9701 Mathematics – Syllabus 9709	Literature in English – Syllabus 9695 History – Syllabus 9489
Languages	Global Perspectives
English Language – Syllabus 9093	Global Perspectives – Syllabus 9239

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 for the most current recognition database.

Written Paper (Examinations) Schedule

All Written Papers will be taken during the May/June testing sessions.

Grade 9	Grade 10
<p>English Language <i>Pre-AICE, Course 0500</i> 2 Written Papers – Papers 2 & 3</p> <p>Combined Science <i>Pre-AICE, Course 0653</i> 3 Written Papers – Papers 2, 4, & 6</p> <p>History <i>Pre-AICE, Course 0470</i> 3 Written Papers – Papers 1, 2, & 4</p>	<p>English Language <i>AICE, Course 9093</i> 2 Written Papers – Papers 1 & 2 (AS Level Qualification)</p> <p>Mathematics – Year 2 <i>AICE, Course 9709</i> 2 Written Papers – Paper 1 (Pure Mathematics I) & Paper 5 (Statistics I) (AS Level Qualification)</p> <p>Physics <i>Pre-AICE, Course 0625</i> 3 Written Papers – Papers 2, 4, & 6</p> <p>Global Perspectives <i>AICE, Course 9239</i> 1 Written Paper, 1 Team Project, & 1 Essay (AS Level Qualification)</p>
Grade 11	Grade 12
<p>Literature in English <i>AICE, Course 9695</i> 2 Written Papers – Papers 3 and 4 (AS Level Qualification)</p> <p>Mathematics – Year 3 <i>AICE, Course 9709</i> 2 Written Papers– Paper 3 (Pure Mathematics 3) & Paper 4 (Mechanics I) (A Level Qualification)</p> <p>Chemistry <i>AICE, Course 9701</i> 2 Written Papers and 1 Lab (AS Level Qualification)</p> <p>History – Year 1 Course 9489 US History (with Civics): 1840 – 1942 2 Written Papers – Papers 1 and 2 (AS Level Qualification)</p>	<p>Literature in English <i>AICE, Course 9695</i> 2 Written Papers – Papers 5 and 7 (A Level Qualification)</p> <p>Biology <i>AICE, Course 9700</i> 4 Written Papers and 1 Lab (A Level Qualification)</p> <p>History – Year 2 US and Cold War History: 1941 - 1991 <i>AICE, Course 9489</i> 2 Written Papers – Papers 3 and 4 (A Level Qualification)</p>

Note: Students who start Mathematics Year I in 10th grade will sit for AS Level Mathematics exam in 11th grade and A Level Mathematics Exam in 12th grade.