AICE Mathematics 2 (A Level)

AICE Mathematics 2 extends the knowledge base built in AICE Mathematics 1. The course follows a rigorous, international curriculum to include Advanced Placement Calculus BC topics. Further concepts and skills in mathematics are taught including the study of concepts, techniques and applications of calculus with derivatives, integrals, vectors, sequences and series. Students will increase their ability to analyze problems logically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve a problem. They will be prepared to sit for the external examination leading to an Advanced International Certificate of Education Diploma. College credit is available at most universities for exemplary performance on Cambridge exams.

Credits 1

Grades

12

Course Designation

Advanced Level (A),

Weighted (1.0W),

Cambridge

Schools

Brentsville District High School

Potomac High School

Requirements

Teacher recommendation

Prerequisites

AICE Mathematics 1 (AS Level)