

## *What is AICE?*

The Advanced International Certificate of Education (AICE) is an international Diploma that students can earn via an advanced academic curriculum and written assessment program. It is administered by a non-profit department (CIE) of the University of Cambridge in England. AICE courses and examinations will be offered during Junior and Senior years.

The Pre-AICE, or International General Certificate of Secondary Education (IGCSE), curriculum and assessment will be available at two levels (extended and core) suitable for honors or mainstream high school students.

## *Learn More About the Exciting AICE Program*

We invite you to call or write for complete information.

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William M. Raines High School  
*"Where Knowledge is Power"*

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# *William M. Raines High School*

## AICE

ADVANCED INTERNATIONAL  
CERTIFICATE OF EDUCATION



University of Cambridge  
International Examinations

## *AICE Curriculum*

The AICE curriculum is comprised of courses that are divided into three subject groups: Mathematics and Science, Languages, and the Arts and Humanities. AICE candidates must take at least five courses, including one from each of the following groups. They may choose two additional courses.

### Group A: Mathematics and Science

Biology  
Chemistry  
Computing  
Mathematics  
Mathematics: Statistics  
Physics

### Group B: Languages

English  
Spanish  
French

### Group C: Arts and Humanities

Art and Design  
Economics  
History  
Thinking skills

## *How Do I Earn An AICE Diploma?*

Students must pass six credits worth of examinations within a thirteen month period. At least one examination must come from each of the three subject groups. Advanced Subsidiary (AS) level exams count for one credit and Advanced (A) level exams count for two credits.

The AICE curriculum is designed to encourage students to develop an independent approach to their work. It also encourages:

- An investigative approach to learning
- The use of initiative and creativity for problem solving
- Application of skills and understanding
- The development of oral, practical, and thinking skills as well as the acquisition of knowledge

**"WHERE KNOWLEDGE IS POWER"**

## *AICE Benefits*

AICE not only prepares students to get into a university with up to 30 hours of college credit, it also provides them with the skills required to be successful once enrolled.

## *Research Project Option*

A research project that is unique to AICE, offers the opportunity for students to demonstrate skills of independent study:

- May substitute the research project option for a full-credit course
- Provides students with the opportunity to pursue topics in some depth in subject areas related to their studies
- Enables them to demonstrate the skills that form the basis of successful future study and employment
- May include a single research project for examiner review and detailed comment and assessment. It is not, however, possible for the submission of a single research project to contribute towards the AICE Diploma