

Advanced International Certificate of Education (AICE)

The AICE diploma is an international curriculum and examination system that emphasizes the value of broad and balanced study. Alongside in-depth understanding of a variety of subjects, students also need to master a broader range of skills critical for success in university study and employment. The AICE Diploma was first awarded in 1997 and is made up of individual Cambridge International AS & A Levels, which have widespread international standing as educational qualifications.

By demanding knowledge from three different subject groups, plus the core compulsory subject, Cambridge International AS Level Global Perspectives & Research, the Cambridge AICE Diploma provides a broad curriculum with a balance of maths and sciences, languages, arts and humanities, and interdisciplinary subjects. The Florida Legislature has identified AICE as a graduation option and acceleration mechanism through which students can be awarded up to 45 hours of college credit at all public universities and colleges in Florida, and the state's Bright Futures programs recognizes AICE diploma recipients who also complete the required community service or employment hours with the Florida Academic Scholars Scholarship.

For more information contact:

Mrs. Lonna Hernandez, Lead Teacher Accelerated Programs

lonna.hernandez@hcps.net

AICE General Paper

1009400

1 year, Grade 9 (AICE Diploma candidates) and Grade 11 (as the English 3 course)

The Cambridge International AS Level English General Paper encourages learners to engage with a variety of topics, including knowledge and understanding gained from the study of other subjects. They learn to become confident in analyzing knowledge and opinion from a variety of sources, to build arguments, and to communicate through written English. Grade 9 takes this course with English Honors 1 to complete the AICE diploma. Grade 11 may take this to complete year 3 of Florida English graduation requirements.

AICE Thinking Skills

1700372

1 year, Grades 9 (AICE Diploma candidates) – 12

Thinking Skills develops a set of transferrable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. Students are enabled to develop their ability to analyze unfamiliar problems, devise problem solving strategies and evaluate diverse ways a problem may be solved. Students place personal views aside and examine and evaluate the evidence. Students learn to make informed and reasoned decisions and construct evidence-based arguments.

AICE Environmental Management

2001381

1 year, Grades 10-12

Pre-requisite: C average or better in Biology or Biology Honors

This course will help learners develop scientific knowledge and understanding of global environmental concerns such as the human population, ecosystems and biodiversity, resources, water supplies, the atmosphere, and climate change. Students will examine policies and strategies for managing the environment, will interpret and analyze data, and undertake investigative work. The examination of case studies (local, regional or global) develops a deeper knowledge of environmental issues and their management.

AICE Marine Science

2002515

1 year, Grades 10-12

Pre-requisite: B average or better in Biology or Biology Honors

AICE Marine Science introduces students to key concepts and develops their understanding of marine science. Topics of study include: the science of water, earth processes that formed and shaped the ocean floor and coastlines, interactions in marine systems, classification and biodiversity, and examples of marine ecosystems. In addition, students also develop practical skills and fieldwork necessary for scientific enquiry, experimentation and understanding.

AICE Spanish Language

0708538

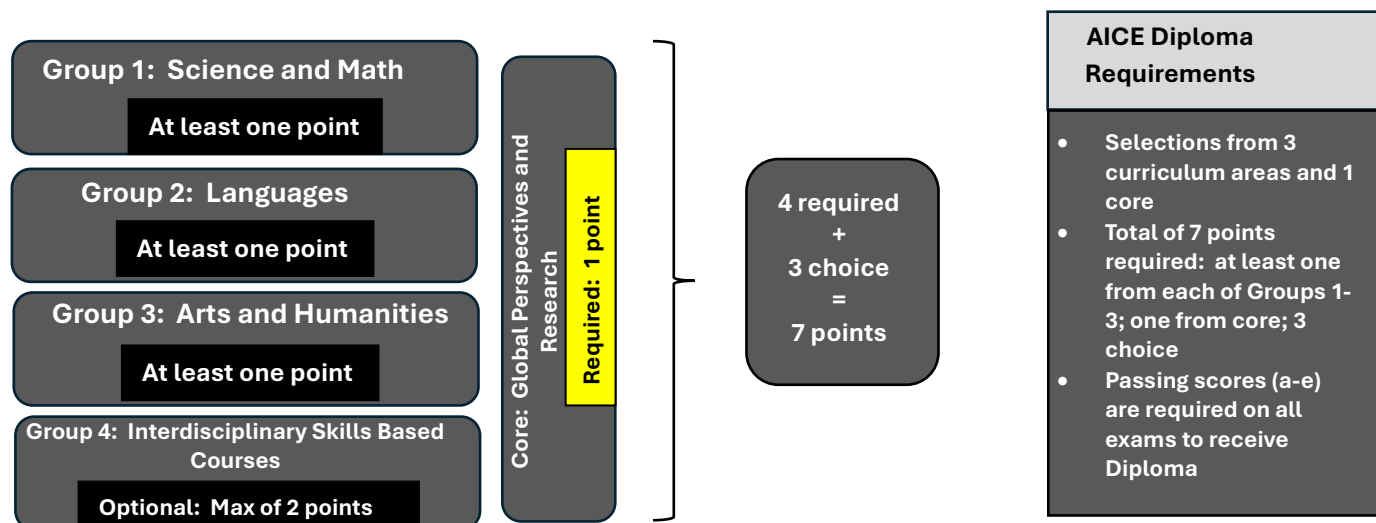
1 year, Grades 10-12

Pre-requisites: Spanish 1 and 2, or permission of instructor (requires a strong understanding of both the spoken and written Spanish language)

AICE Spanish Language helps learners to develop language proficiency and practical communication skills in Spanish. It enables students to achieve greater fluency, accuracy, and confidence in the Spanish language. Students will improve their use of Spanish in a variety of situations, in both familiar and more general topics, will understand how to read texts and other source materials, extract information, and initiate conversation and respond to questions both verbally and in writing. AICE Spanish Language encourages engagement with the culture and society of countries and communities where Spanish is spoken.

Students enrolling as AICE Diploma candidates must score a 4 or 5 on the Grade 8 ELA FAST assessment, as AICE is a rigorous pathway requiring high reading and writing skills.

Requirements to earn an AICE Diploma:



AICE Diploma Suggested Track (Year 3 Electives are subject to change)

Year 1	Year 2	Year 3	Year 4
Required: Thinking Skills (Group 4) English General Paper (Group 4) Must take English Hon 1 Note: Students will also be enrolled in an AICE Research class for extra support	Required: English Language (Group 2)	Required: English Literature (Group 3) Global Perspectives (Group 4) AICE US History (Group 3)	
Electives: No AICE electives available	Electives: Environmental Management (Group 1 or 3) Marine Science (Group 3) Media Studies (Group 3)	Electives: Environmental Management (Group 1 or 3) Marine Science (Group 3) Media Studies (Group 3) Spanish Language (Group 2)—requires extensive knowledge of Spanish language Business (Group 3) Drama (Group 3)	Electives: As year 3