



Matanzas High School



Cambridge A.I.C.E. Diploma Advanced International Certificate of Education Thurs., February 8, 2024

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What is A.I.C.E.?

- Advanced International Certificate of Education
 - It is a certificate stating a student has taken the most advanced, rigorous coursework offered at their school
- This is an advanced studies program affiliated with Cambridge International Examinations in the United Kingdom
 - MHS offers 23 AICE courses

Why A.I.C.E.?

Students explore areas of strength and interest while **taking college-level courses**

- Core courses and elective options available
- Student choice- You get to choose the classes that work best for you
- Each passed AICE exam (taken at the end of the course) gives the students **college credit (regardless of earning the AICE diploma)**

Earn College Credit while in High School and a higher GPA

- Extra **GPA** Points
 - All AICE courses weighted on 6.0 GPA scale

A Deeper Look at the Benefits

100% Bright Futures guaranteed for those who earn their AICE Diploma (7 total passed exams)

- AICE Diploma Award = Bright Futures:
 - 100% tuition (this doesn't include room and board)
 - No GPA or test score requirement (Waived!)
 - Must still have 100 Community Service AND/OR Work Hours (required)

What is Bright Futures and How Does it Work?

What is the Florida Bright Futures Scholarship?

The Florida Bright Futures Scholarship is a scholarship for Florida students who plan to attend in-state colleges and universities. The highest level of the scholarship, the Florida Academic Scholars Award, covers 100% of tuition costs and applicable fees for public institutions and receives an additional \$300 in the fall and spring semesters for additional educational expenses.

To be eligible for the highest level of scholarship, students must qualify through one of two ways:

Standard Route:

Complete Required High School Coursework	Have a Weighted GPA of 3.5	Earn a score of 29 on the ACT or 1340 on the SAT	Complete 100 hours of Community Service
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Cambridge AICE Diploma and International Baccalaureate Diploma Route:

Earn the Cambridge AICE Diploma	Complete 100 Hours of Community Service
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The AICE Diploma

- Complete a minimum of 7 AICE courses **and** pass the exams at the end of the course (within a 25 month period)
 - At least one in each of 3 main subject groupings:
 - Math/**Science**
 - **Language**
 - **Humanities**
 - (Elective offerings also available, but cannot earn more than two points in this category)
- AND** The Core: **AICE Global Perspectives** (Required/Mandatory)
- **Curriculum requirements are customized as needed**
 - You only need one drop in each bucket- Not a fan of a particular subject? You do not have to continue in it

AICE Diploma (Advanced International Certificate of Education)

Group 1: Science and Math

At least 1 point

Group 2: Languages

At least 1 point

Group 3: Arts and Humanities

At least 1 point

Group 4: Interdisciplinary Skills
Based Courses

Optional: Max of 2 points

Core: Global Perspectives and
Research
Required: 1
point

3 Required
+
4 Choice =
7 points

AICE Diploma Requirements

- Combines breadth of study with **choice and flexibility**
- Selection comes from **three curriculum areas and one Core**
- **Total of 7 points** required: at least one from Groups 1-3; one from Core
- **Passing scores are required** on all exams to receive Diploma

CAMBRIDGE COURSES OFFERED AT MHS

These classes are subject to enrollment.

Core: AS Level Global Perspectives and Research

Group 1 Mathematics and Science	Group 2 Languages	Group 3 Arts and Humanities	Group 4 Interdisciplinary and skills-based subjects
➤ Biology	➤ English Language (AS)	➤ US History	➤ Eng General Paper
➤ Chemistry		➤ European History	➤ Thinking Skills
➤ Marine Science	➤ English Language (A)	➤ English Literature (AS)	
➤ Physics	➤ Spanish	➤ English Literature (A)	
➤ Environmental Management		➤ Travel & Tourism	
➤ Psychology*		➤ Psychology*	
➤ Computer Science		➤ Music	
➤ Sports & PE		➤ Geography	
		➤ Drama	
		➤ Art & Design	

Is there a progression or guide?

(What is the significance of the number 39?)

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>
AICE Eng Gen Paper	AICE English Language AS	AICE English Language A OR Literature AS	AICE English Literature AS or AICE Literature A
AICE Thinking Skills OR AICE Geography?	AICE European History	AICE US History	AP Econ/Government
PRE AICE Biology	PRE AICE Chemistry	AICE Biology OR AICE Chemistry OR PRE AICE Physics OR AICE Marine or AICE Enviro Mgmt, etc.	AICE Chemistry OR AICE Physics OR AICE Enviro Mgmt OR AICE Marine OR Sport & PE
Geometry H OR Algebra II H	Algebra II H OR AP Pre Calc OR OTHER	AP Statistics, Pre Calc or AP Calc OR OTHER	AP Statistics OR College Algebra OR OTHER
Elective	Elective (Another AICE class possibly? Travel & Tourism? AICE Psyc?)	AICE Global Perspectives	Elective
Elective	Personal Financial Literacy & Paired elective	Elective (Another AICE class possibly? AICE Psyc? AICE Drama?)	Elective (Another AICE class possibly? AICE Music?)
Elective	Elective	Elective	Elective

You can create your own plan...



**EVERYONE'S
JOURNEY IS
DIFFERENT**

A sample diploma pathway...

<u>Student</u>	<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
A- I have applied to and was accepted into the AICE Cohort as an incoming freshmen	AICE EGP Thinking Skills	English Lang AS European History Travel & Tourism	Marine Science US History Global Perspectives	
B- I applied to and was accepted into the AICE Cohort as a rising sophomore		English Lang AS European History Psychology	Enviro Management US History Global Perspectives	Travel & Tourism Drama Music
C- I didn't realize I could be a diploma candidate, but here I am!		European History	English Lang AS US History Psychology	English Lang A Global Perspectives Computer Science
D- I didn't realize I could be a diploma candidate, but here I am!			US History Chemistry EGP	Global Perspectives English Lang AS Music Psychology

DSC Equivalencies - one example of 71 credits

<u>AICE Course</u>	<u>DSC Credit</u>	<u>AICE Course</u>	<u>DSC Credit</u>	<u>AICE Course</u>	<u>DSC Credit</u>
Biology	BSC X005C (4)	Geography	GEA 000 (3)	Marine Science	OCE 001 (3)
Chemistry	CHM X020C (4)	Global Perspectives	ISS 011 (3)	Music	MUH 001 (3)
Computer Science	COP X000 (3)	US History	AMH 029 (3)	Psychology	PSY 012 (3)
Drama	TPP X100 (3)	European History	EUH 031 (3)	Spanish Language	(3) Language Credits
English Language AS	ENC 101 OR 102 (3)	English Literature AS	ENC 101 OR 102 (3)	Thinking Skills	PHI 103 (3)
English Language A	ENC 101 AND 102 OR Lit 000 (6)	English Literature A	ENC 101 and 102 OR ENC 102 and Lit100 (6)	Travel & Tourism	HFT 000 (3)
EGP	IDS 110 (3)	Enviro Mange.	EVR 001 (3)	Physics	PHY 020 (3)

Data

June 2023 Testing- A review of our data

If you are a returning sophomore, junior, or senior, you are aware our June 2023 (spring testing series) exam scores were released on August 10th. We are so proud of our students and teachers, and want to share both our successes and areas of improvement we have identified after analyzing our results.

A note we wish to emphasize- Since 2020, Cambridge AICE has had to rebuild their grading system to meet the level of rigor and expectations from pre-Covid standards. This last testing series saw a 5% reduction across the globe in overall scores, bringing the scoring back to 2019 standards.

What does this mean for students who sat for the exams? It means that the standard was raised and achieving a higher score was more difficult. What does this mean to future testers? The bar has already been raised and the target will no longer be moving.

With that, Matanzas' students and teachers have risen to the challenge!

The following courses achieved well above the global averages:

- AICE English General Paper, 22% above the global average with a 98% pass rate
- AICE Environmental Science, 29.8% above the global average with a 93% pass rate
- AICE Spanish Language, 4.5% above the global average with a 100% pass rate
- AICE English Language AS, 16.2% above the global average with a 80% pass rate
- AICE Global Perspectives, 7.7% above the global average with a 91% pass rate
- AICE Travel & Tourism, 34.5% above the global average with a 100% pass rate
- AICE Music, 23.3% above the global average with a 100% pass rate
- AICE History, 9.4% above the global average with a 61% pass rate
- AICE Marine Science, 37.3% above the global average with a 95% pass rate
- AICE Thinking Skills, 13.5% above the global average with a 81% pass rate
- AICE Literature in English, 10.3% above the global average with a 76% pass rate

Major shout outs to Ms. Kessler, Ms. Davis, and Mr. Schulz for their 100% pass rates!

Major shout out to Mr. Feist, Mr. Neisler, Ms. Cypert, and Ms. Binn who increased their passing rates from 2022 to 2023, in a year where the target moved up and their students' **still** exceeded expectations!

We are transparent about our data and needs.

Teachers are supported with training by Cambridge and additional supports!

We have a fabulous global community!

**What are the
differences between
AICE, AP, and IB?**

Let's Compare

	Cambridge Created in 1863	AP Created in 1955	IB Created in 1968
Rigorous Curriculum	Cambridge	AP	IB
College Preparation	Cambridge	AP	IB
International Diploma	Cambridge		IB
Flexibility in Course Selection	Cambridge	AP	
Hands-on Experiential Approach	Cambridge		IB
Scores that earn College Credit at Florida Universities	All passing scores (a,b,c,d, or e)	Scores of 3, 4 or 5 (depending on school, sometimes only a 4 or 5)	Scores of 6, 7, 8 (depending on school, sometimes only a 7 or 8)

MHS AICE Cambridge Facts

- AICE Diploma comes from Cambridge, NOT Flagler County School District, Matanzas High School or USA
- Any passing score on exams are used toward AICE Diploma (scores are letters A-E and all count,) and there are three distinctions: Distinguished, Merit, Pass
- Students will graduate from HS with or without the AICE Diploma, so long as they meet all of their Florida graduation requirements

1 SUCCESS

Our Cambridge Pathway gives students a clear path for educational success from age 3 to 19.



2 FLEXIBILITY

Schools can shape the curriculum around how they want students to learn – with a wide range of subjects and flexible ways to offer them.

3 FUTURE SKILLS

We help students discover new abilities and a wider world, and develop the skills they need for life, so they can achieve **at school, university and work.**



4 DEVELOPMENT

Each stage builds on learners' development in the previous stage, or from other education systems.



5 CHOICE

We offer an unrivalled choice of subjects: over **70** at Cambridge IGCSE™ and over **50** at Cambridge International AS & A Level. Schools can let students choose subjects in any combination.

6 RECOGNITION

Our qualifications are recognised by universities worldwide, including over **850** in the US.



7 PREPARATION

98% of admissions officers surveyed said Cambridge programmes give students excellent preparation for university.



8 TRAINING

We provide first-class support for teachers through publications, online resources, training and professional development.



9 GLOBAL

Every year, Cambridge learners from 10 000 schools in over 160 countries prepare for their future with an education from Cambridge International.



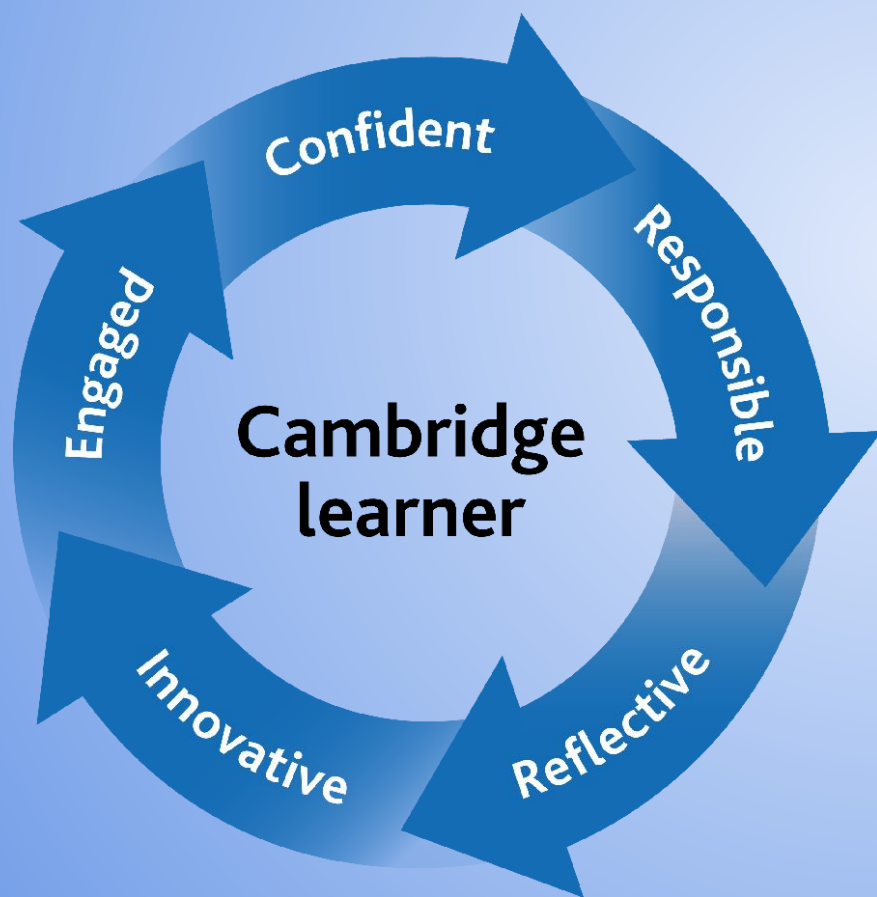
10 HERITAGE

We have a **150-year** history of providing international exams. We are also a not-for-profit organisation and part of the University of Cambridge.



Cambridge Pathway has a wide range of subjects and flexibility, giving schools the chance to shape the curriculum so that it is exciting and relevant for learners. Students can acquire the knowledge and skills they need to achieve at school, university and beyond.

Cambridge Attributes



“The purpose of the Cambridge learner and teacher attributes is to support the development of five powerful and highly desirable learning habits that will inspire students to love learning and help them to lead fulfilled and successful lives. Students who demonstrate the attributes habitually approach learning by being confident, responsible, reflective, innovative and engaged. They are able to skillfully employ a broad range of cognitive skills and socio-emotional skills (including personality qualities such as resilience, self-motivation and self-regulation) towards effectively managing their performance.”...



OUR STUDENTS

How do I Apply?



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