



**Advanced Studies**



# Welcome to Horizon HS Advanced Studies Night!

## AGENDA

- AICE- Cambridge
  - AICE Diploma
  - Bright Futures
- AP- Advanced Placement
  - AP Capstone Diploma
- Dual Enrollment
- College/University Admissions





## Advanced Studies

- Advanced Studies offer academic options for students to engage in rigorous college level curriculum.
- These experiences prepare students for the challenges of college and beyond. They also benefit students in college admissions process.
- Two programs of study that are available on campus at Horizon are AICE and AP
- Students have the option to dual enroll in several college programs such as Valencia, UCF and UF

# RIGOR

	High School Courses		College Courses
Course Level	Standard	Pre-AICE & Honors	
Grade Point Average (GPA) Scale	Weighted on a 4.0 scale	Weighted on a 5.0 scale	Weighted on a 6.0 scale
Course Level Descriptions	<p>Meets grade level standards.</p> <p>Covers all statewide and districtwide standards.</p>	<p>High school level-accelerated pace.</p> <p>Increased independent work and complex/deeper topics and concepts.</p> <p>Take the same statewide and districtwide final exams as standard courses.</p>	<p><b>Advanced Placement (AP)</b> Curriculum moves at a fast pace, covering College Board designated curriculum.</p> <ul style="list-style-type: none"> <li>★ Earn college credit by passing the exam.</li> <li>★ Scores are available in July on your students Collegeboard account.</li> </ul> <hr/> <p><b>Advanced International Certificate of Education (AICE)</b> Cambridge international curriculum moves at a slower pace and is a deeper dive into specific topics. Curriculum is recognized by universities worldwide.</p> <ul style="list-style-type: none"> <li>★ Exams are based on broad, general understanding of concepts/themes.</li> <li>★ Exam scores are available in August.</li> </ul>
			<p><b>Dual Enrollment</b> College courses taken through Valencia, UCF, UF or Orange Technical College.</p> <ul style="list-style-type: none"> <li>★ Completion of a course starts your college GPA.</li> <li>★ Dual enrollment programs do not offer a standard way to measure mastery of college-level work.</li> </ul>

**\*Why increase rigor?**  
Rigor is the result of **work that challenges students' thinking in new and interesting ways**. It occurs when they are encouraged toward a sophisticated understanding of fundamental ideas and are driven by curiosity to discover what they don't know.

It's Important to Remember...

College Admission

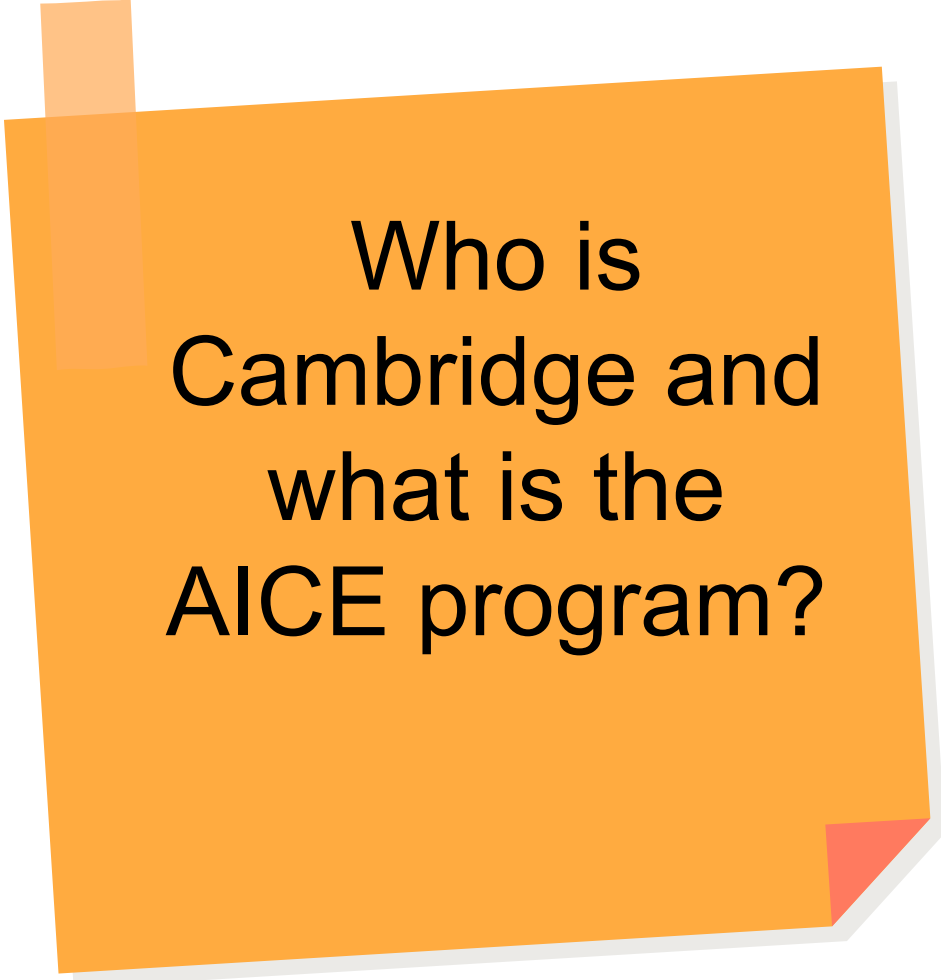
VS.

College Credit



01

Advanced International  
Certificate of Education  
(AICE)



## Who is Cambridge and what is the AICE program?

- ❖ Part of the *University of Cambridge* – a non-profit renowned worldwide for excellence in education
- ❖ World's largest provider of international education for over 150 years
- ❖ The only education provider part of a top university, ranked in the top 5 worldwide in 2022
- ❖ Working with over 10,000 schools, 160 countries & 40 governments

# AICE Program



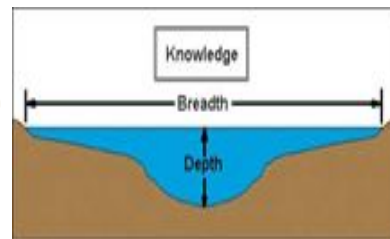
- The Cambridge Advanced International Certificate of Education Program helps students become confident, responsible, reflective, innovative and engaged.
- Students build a deep understanding of their subject while developing higher order thinking skills (analysis, evaluation and synthesis) so that they can apply what they have learned.
- Students are asked to demonstrate an understanding of the core knowledge of a subject, as well as to think critically.



# Cambridge AICE Pedagogy



Ability to undertake individual projects and to work as part of a team



Breadth across the curriculum and depth in subject areas



Range of assessment techniques: research, writing, speaking, listening, practical applications in science



An investigative approach and the use of personal initiative to solve problems



Very little to no multiple choice questions:

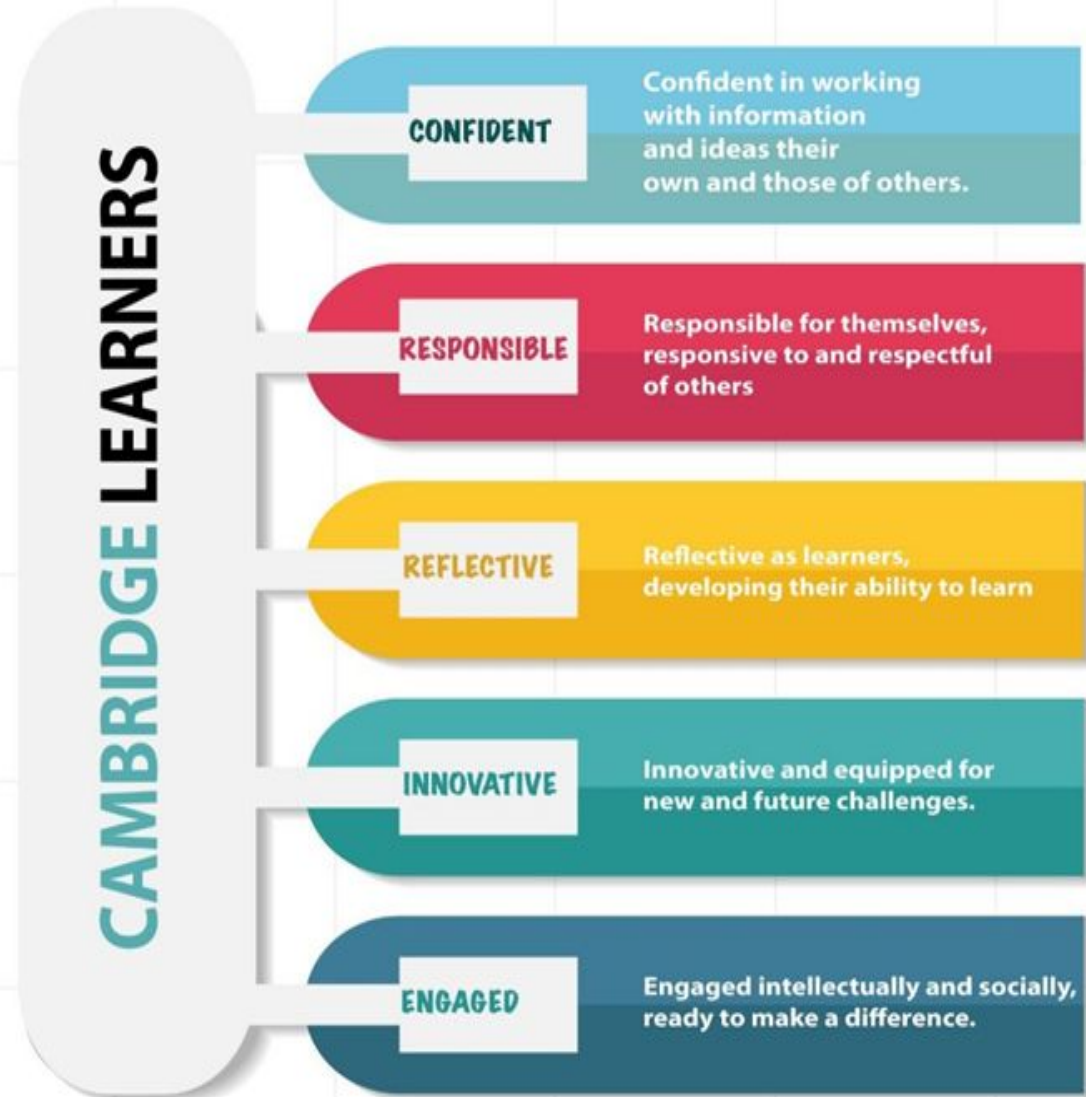
- Can earn partial credit for their written answers, unlike multiple choice answers which are either right or wrong
- Writing allows us to assess a student's depth of knowledge or understanding.



Application of skills, knowledge, and understanding

# Cambridge Learner Attributes

- ❖ Rooted in developing lifelong learners
- ❖ Concerned with developing the whole student: academic and social emotional
- ❖ These are the learning habits students need to be successful in school, higher education, the workplace, and life in general



All students at  
Horizon are  
eligible to take  
AICE classes!



# AICE Courses Available at Horizon HS 2024-2025

Horizon AICE course offerings include:

Group 1- Mathematics & Sciences	Group 2- Languages	Group 3- Arts & Humanities	Group 4- Interdisciplinary Subjects
AICE Environmental Management Level AS	AICE English Language Level AS	AICE European History Level AS	AICE General Paper Level AS
AICE Marine Science Level AS	AICE Spanish Language Level AS	AICE US History Level AS	AICE Thinking Skills Level AS
AICE Psychology Level AS *	AICE Spanish Language & Literature Level A	AICE English Literature Level AS	
	AICE French Language Level AS		<b>Required Class</b>
	AICE Portuguese Level AS		AICE Global Perspectives** Level AS

\*AICE Psychology can be considered as a Group 1 or Group 3 course.

\*\* This is the core course for students seeking the AICE diploma and is typically taken as their 7<sup>th</sup> course.





# AICE EXAMS

- Dates of exams are set by Cambridge in late November or early December and shared with students/parents via the teacher.
- Exams are administered in **late April, May and June** each year.
- Make up opportunities occur in **November** of the following school year. (students must pay for retakes).
- Exams are graded on an “a”- “e” scale. A score of “e” or better is considered passing. Students who do not pass are given a “u” for ungraded.



**Last school year 68% of Horizon students passed their AICE exam with a passing grade (e or better).**

**The district average was 64%.**



**The Cambridge AIICE Diploma**

# What are the course requirements to earn the AICE diploma?

The AICE diploma is completed by

- seven AICE courses
- Passing the exams administered at the end of those courses
- Ensuring at least one course comes from each subject group
  - Group 1: Math and Science
  - Group 2: Languages
  - Group 3: Arts and Humanities
- Students must also take Global Perspectives, which is a compulsory capstone course.





# Horizon AICE courses

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# Diploma Completion “3 year rule”



- Students must finish the 7 AICE classes in 25 months “3 years” to earn the diploma
  - 9<sup>th</sup>-11<sup>th</sup> grade \*encouraged
  - 10<sup>th</sup>-12<sup>th</sup> grade
- If the 3 years has expired students can pay to retake exams (\$125.00 per AS Level exam)

# AICE Diploma / Bright Futures

Type	16 High School Course Credits <sup>1</sup>	High School Weighted Bright Futures GPA	College Entrance Exams by High School Graduation Year (ACT®/CLT®/SAT®)	Volunteer Service Only	Paid Work Hours Only	Combination of Volunteer/Paid Hours
<b>FAS</b>	4 - English <i>(three must include substantial writing)</i> 4 - Mathematics <i>(at or above the Algebra I level)</i> 3 - Natural Science <i>(two must have substantial laboratory)</i>	3.50	2023-24 Graduates: 29/96/1340  2024-25 Graduates: 29/96/1340	100 hours	100 hours	100 hours
<b>FMS</b>	3 - Social Science 2 - Foreign/World Language <i>(sequential, in same language)</i>	3.00	2023-24 Graduates: 25/84/1210  2024-25 Graduates: 25/84/1210	75 hours	100 hours	100 hours

<sup>1</sup> The required coursework aligns with the State University System admission requirements found in Florida Board of Governor's Regulation 6.002. Additional information regarding high school coursework can be found within the [Florida Counseling for Future Education Handbook](#).

With AICE Diploma student can earn bright futures with only service hours

Advanced International Certificate of Education (AICE) - Diploma	100 hours	100 hours	100 hours	FAS
	75 hours			FMS



# How can I earn the **highest level** of the Florida Bright Futures Scholarship?

As a standard Diploma recipient:



SAT minimum  
(Currently  
1340)

GPA  
minimum of  
3.5

100  
community  
service hours



Florida Academic Scholars Award

As an AICE Diploma recipient:



AICE  
Diploma

100  
community  
service hours



Florida Academic Scholars Award

**No SAT Minimum and No GPA Minimum!!!!**

Questions?





Advanced Placement  
(AP)

# Advanced Placement

- 38 courses offered nationwide
- Over 22,000 schools participate in AP.
- Students learn rigorous college-level content and skills
- Students who participate in AP are **more likely** to graduate college in 4 years.
- Students with qualifying AP Exam scores can **earn credit and skip intro-level courses** at many colleges, saving them time and money as they work toward their degree.

AP<sup>®</sup>

 CollegeBoard

# Current AP Courses Available at Horizon HS

## 24 AP Courses Offered at Horizon

Art History	Music Theory
Drawing	Seminar-Capstone
2D Art & Design	Research-Capstone
3D Art & Design	Physics 1
Computer Science A	Physics 2
Computer Science Principles	Physics C: Mechanics
English Literature	Physics C: Electricity and Magnetism
Pre-Calculus	Biology & Chemistry
Calculus AB	Microeconomics/ Macroeconomics
Calculus BC	US Government & Politics
Statistics	Comparative Government & Politics







# AP EXAMS

- Dates of exams are set by College Board in August of each school year and shared with students/parents via the teacher.
- Exams are administered in **May** each year.
- Exams are graded on an 1-5 point scale. Students who score a 3-5 are considered passing.



**Last school year 53% of Horizon students passed their AP exam with a passing grade (3+).**



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# AP Capstone Diploma

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# AP Capstone students pursue 1 of 2 awards



AP Capstone  
Diploma™

## AP Seminar

Year 1

Earn score of 3 or higher

## AP Research

Year 2

Earn score of 3 or higher

## 4 AP Exams

Throughout High School

Earn score of 3 or higher



AP Seminar  
and Research  
Certificate™

AP Capstone Diploma does not qualify students for the Bright Futures Scholarship.

*It is a powerful indicator of college readiness on a student's transcript and helps students stand out to colleges in the application process.*

# Comparing AICE and AP classes



# AICE / AP Comparison

## Curriculum and exam differences between AP and AICE

AP		AICE
Curriculum moves at a fast pace, covering as much of the topic as possible.	<b>Curriculum</b>	Curriculum moves at a slower pace, and is a deeper dive into specific topics. Often focusing on essential questions and critical thinking.
Exam is based on specific content from the course. There is an emphasis on multiple choice. Assessments may include short answer, document based and long essay questions.	<b>Exams</b>	Exams are based on broad, general understanding of concepts and fundamental themes. Exam questions emphasize essay writing and critical thinking skills.

# AICE / AP Comparison Continued

Benefits	AICE	AP
Earned College Credit for satisfactory scores (depending on college or university)	✓	✓
Rigorous/challenging curriculum.	✓	✓
Higher weighted high school grade point average.	✓	✓
Accepted at <u>most</u> major college and universities throughout the United States.	✓	✓
Accepted at all major colleges and universities in Florida.	✓	✓
Program offers a diploma to signify exceptional achievement across a variety of academic disciplines.	✓	✓
A program diploma guarantees the Florida Academic Scholarship Award from Bright Future Scholarship Program to those who are eligible with completion of 100 service hours.	✓	



Questions?



# Dual Enrollment

\*Applications and deadlines can be found on each college's specific website.



Orange  
Technical  
College



University  
of  
Central  
Florida

College GPA starts as soon as you complete a college course



Valencia  
College

\*Fall Application Open Jan 29-Feb 28



University  
of  
Florida

[\\*Click here for more information on our Horizon website](#)

## AA/AS DEGREE

How will this impact your college admissions? You will need to research how courses transfer to in-state public, in-state private, or out of state colleges.



## SAVE MONEY!

Dual enrollment courses and textbooks are free of charge! Save money toward your future and start your college experience now.

## COLLEGE CREDIT

You can start earning college credit toward a specific degree.





Do you know how the college you want to attend awards dual enrollment courses for college credit? Search their college websites or contact Admissions.



# WHY DUAL ENROLLMENT?

## COURSE OFFERINGS

Are there specific courses that you want to take that are not offered at Horizon? You may find a class that matches your interests with a dual enrollment program while still meeting HS graduation requirements.

Dual Enrollment Program				
<b>GPA Requirement</b>				
GPA	2.0 unweighted	9th-11th: 3.0 unweighted 12th: 3.0 weighted	3.6 unweighted <i>Juniors/Seniors Only</i>	3.8 (based on UCF calculation)
<b>Test Score Requirement</b>				
Other	Some programs require TABE or other testing for that specific program.	PERT Reading: 106 Writing: 103 Math: 114/123	PSAT 1130 Composite	
ACT		Reading: 19 English: 17 Math: 19/21	22 Composite	28 Composite
SAT		Critical Reading: 24 Writing: 25 Math: 24/26.5	1100 Composite	1330 Composite
SAT Digital		Reading/Writing 490 Math 480/530		
<b>Application Deadlines</b>				
Fall Term	January - March	January 29-February 28	Opens February	May 1st
Spring Term		September/October	September	November 1st
Summer Term				March 1st



- Start your Career Early before you graduate from high school.
- Earn the opportunity get college credits at Valencia College.
- An opportunity to **boost** your weighted G.P.A.
- Take the opportunity for **free** while you are enrolled as a student in high school.

# Dual Enrollment Certification Programs



**OC  
PS** ORANGE  
TECHNICAL COLLEGE

## Engineering

- Electricity
- Machining Technologies
- Modeling Simulation Design
- Mechatronics Technology
- Welding Technology
- CNC Production Specialist

## Automotive

- Automotive Collision Technology Technician
- Automotive Service Technology 1

## Construction

- Building Construction Technology
- Carpentry
- Major Appliances and Refrigeration Technician

## Hospitality & Business Management

- Lodging Operations (Hotel and Resort Business Management)
- Fundamental Foodservice Skill

## Technology

- 3D Animation Technology
- Computer-Aided Drawing and Modeling
- Digital Cinema Production
- Digital Media/Multimedia Design
- Digital Photography Technology
- Enterprise Desktop and Mobile Support Technology

## Health & Medical

- Heating, Ventilation, Air-Conditioning/Refrigeration 1 (HVAC/R1)
- Medical Assisting
- Medical Laboratory Assisting
- Patient Care Assistant
- Pharmacy Technician



## Contact your Career Specialist:

**Tehani Quintana**  
**Room 8-106G in Student Services**  
**Tehani.Quintana@ocps.net**

Any questions...  
scan the QR code.



- Free tuition and transportation
- Focused, hands-on learning environment
- Taught by industry leaders
- Industry certifications
- (Possible) Articulation of credits to Valencia
- (Possible) AP-weighted credits

# Scott Kaltz

## Dual Enrollment Coordinator, Valencia College

### Application Timeline



#### 1. Apply

- ✓ Provide all required information and submit
- ✓ Parent and school counselor approval completed
- ✓ Homeschool students - letter of verification/status letter (school district letterhead)

#### 2. Review

- ✓ GPA
- ✓ High school graduation date
- ✓ Parent and school representative (counselor) approval
- ✓ Letter of verification (OCPS) or status letter (SDOC)
  - ✓ Home Education only
- ✓ Approve, deny, reject (additional information needed)

#### 3. Process

- ✓ VID number assigned
- ✓ Notification sent to student (testing instructions provided)

#### 4. Assessment

- ✓ PERT
  - ❖ Valencia College campus
  - ❖ High School\*
- ✓ SAT/ACT
  - ❖ Request scores

#### 5. Acceptance

- ✓ Receive acceptance letter email
- ✓ Create Atlas account
- ✓ Complete online orientation
- ✓ Register for classes via Atlas
- ✓ Order instructional materials



# Valencia College Dual Enrollment

Valencia College graduates with an Associate in Arts (A.A.) degree are guaranteed admission to one of Florida's 12 public universities. Certain Associate in Science (A.S.) degrees also have [transfer guarantees](#).



**Next Virtual Information Session:**  
February 22 6:00pm–7:00pm  
Sign up for the session on  
Valencia's website  
**Applications due February 28**  
**for fall 2024 semester**

Email for general questions:  
[dualenrollment@valenciacollege.edu](mailto:dualenrollment@valenciacollege.edu)

Questions?



**Thank you for attending!**

For more information about our AICE or AP programs and classes please reach out to the Advanced Studies Coordinator Mell Rupp at [mell.rupp@ocps.net](mailto:mell.rupp@ocps.net)

