

# Balancing Accelerated Excellence: Hillsborough County's Integration of Cambridge AICE in Every High School

June 2025

Jazheel Lenegar-Brown, Executive Director – Instructional Support/Accelerated Programs  
Larissa McCoy (Leto High School); David Brown (Robinson High School); Taryn Anello (Wharton High School); Christine Wasylkiw (Sumner High School)



**Hillsborough County**

PUBLIC SCHOOLS

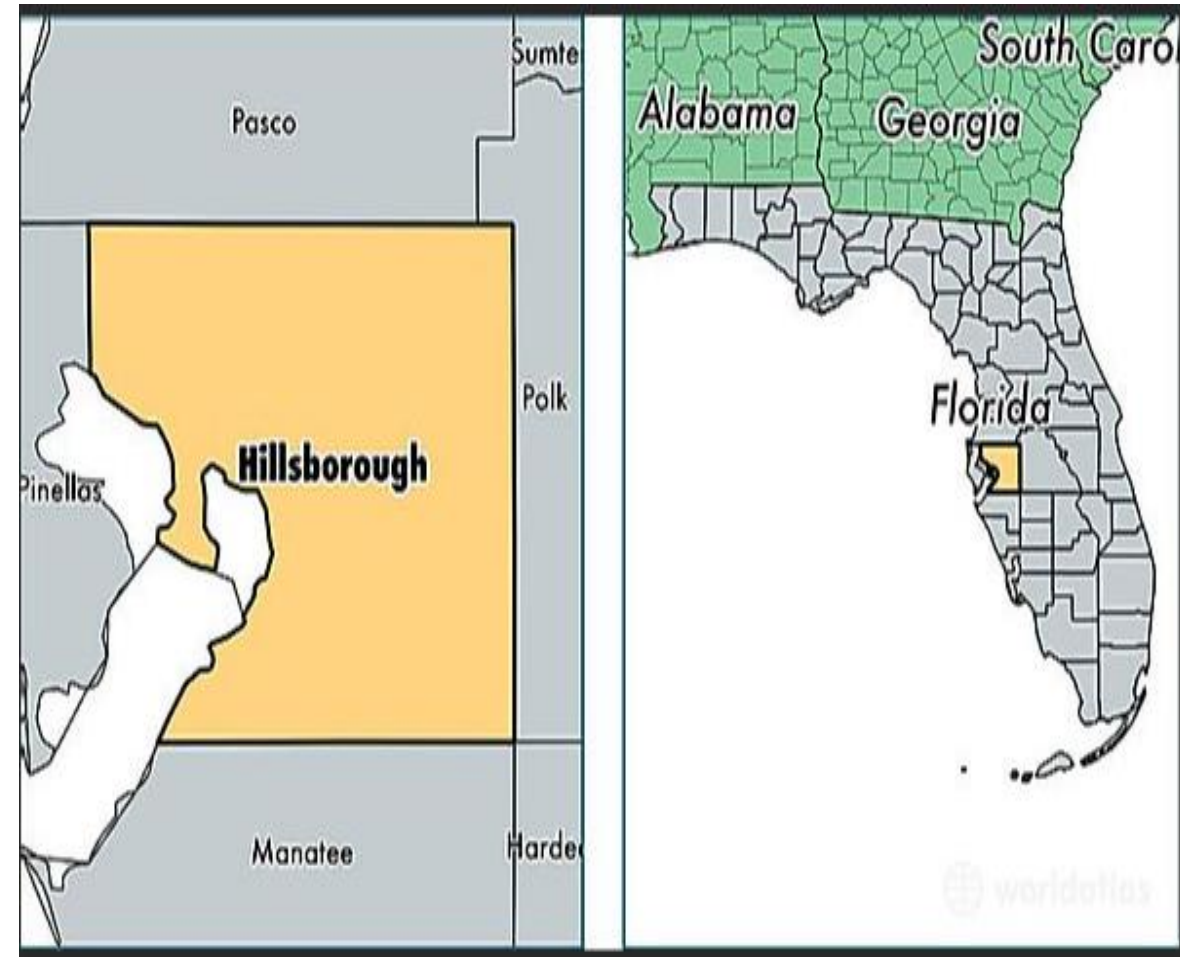
Preparing Students for Life

# Hillsborough County Public Schools Overview



# Key Facts about HCPS

- 7<sup>th</sup> largest School District in Nation
- 3<sup>rd</sup> largest in Florida
- Over 23,000+ employees (Largest employer in county)
- Approx. 224,152 students
  - 4.5% Asian
  - 20.3% Black
  - 40% Hispanic
  - 0.18% Indian
  - 5.3% Multi
  - 29.6% White
- 276 Schools
  - 28 high schools, 39 middle schools, 14 K-8 schools, 131 elementary schools, 4 Career Centers, 4 Tech Colleges, and 56 Charters



# Additional Accelerated Options in HCPS

## Advanced Placement

- Available in all 28 HCPS High Schools
- Open Access
- 28,000+ AP Exams given in May 2024.
- 29,000 + Exams ordered for 2025!

## Dual Enrollment

- Open to students who meet entrance criteria
- Hillsborough Community College
- University of South Florida
- Options available on:
  - HS Campus
  - HCC Campus
  - Virtually
- 20,000+ Dual Enrollment courses taken during the 23-24 school year.

## International Baccalaureate

- Magnet Program
  - Application
  - Criteria
- Available at 5 HCPS High Schools
- 3,880 IB Exams given in May 2024.

## Other Great Options

- Specialized Magnet Programs-Performing Arts, STEM, Collegiate Academies
- CTE (Career and Technical Education)
- Industry Certification

# Accelerated Programs Highlights 2023-2024



28,000+

Advanced Placement Examinations given to HCPS students in May 2024

19,200+

Cambridge Examinations graded by Cambridge from Spring 2024

3,880

International Baccalaureate Exams given to IB Diploma Candidates in May 2024

20,000+

Dual Enrollment courses taken by HCPS students during the 23-24 school year

Over 72,000

Accelerated (College Credit) opportunities provided to HCPS students during the 2023-24 school year

8%

Increase in Pass Rate from 2023 to 2024 School Year! (58% to 66%)

57.7%

AICE Cambridge Pass Rate 3.5% increase (x2 exams given)  
**72% Gen Paper Pass Rate**

14%

King IB Increase in Diploma Rate from 2023 to 2024!  
**Strawberry Crest – 100%!!!**

6800+

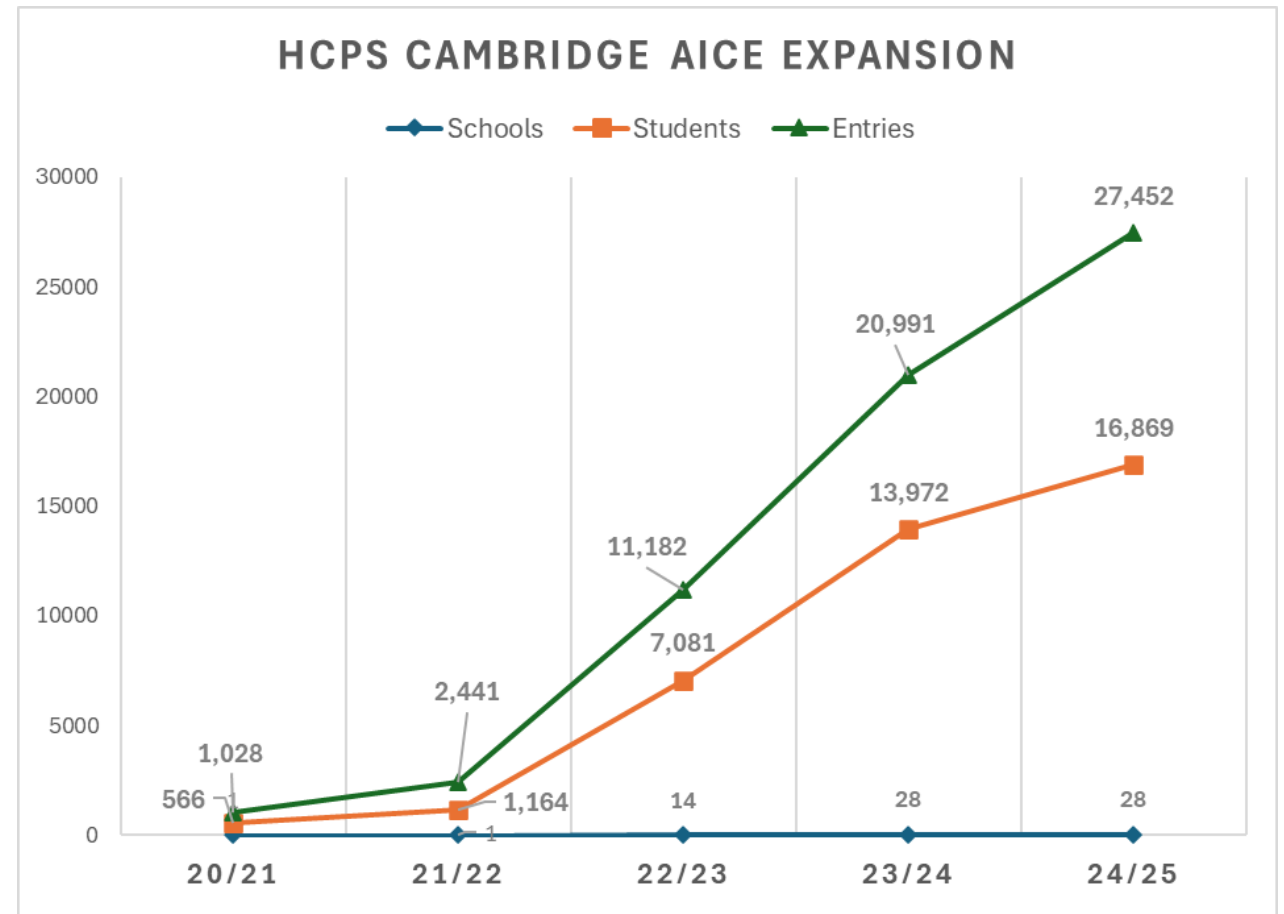
HCPS students that took at least one Dual Enrollment course in 2023-24

*These impressive achievements, in both accelerated opportunities and achievement, are the result of years of work preparing students at every level – from Elementary to Middle to High!*

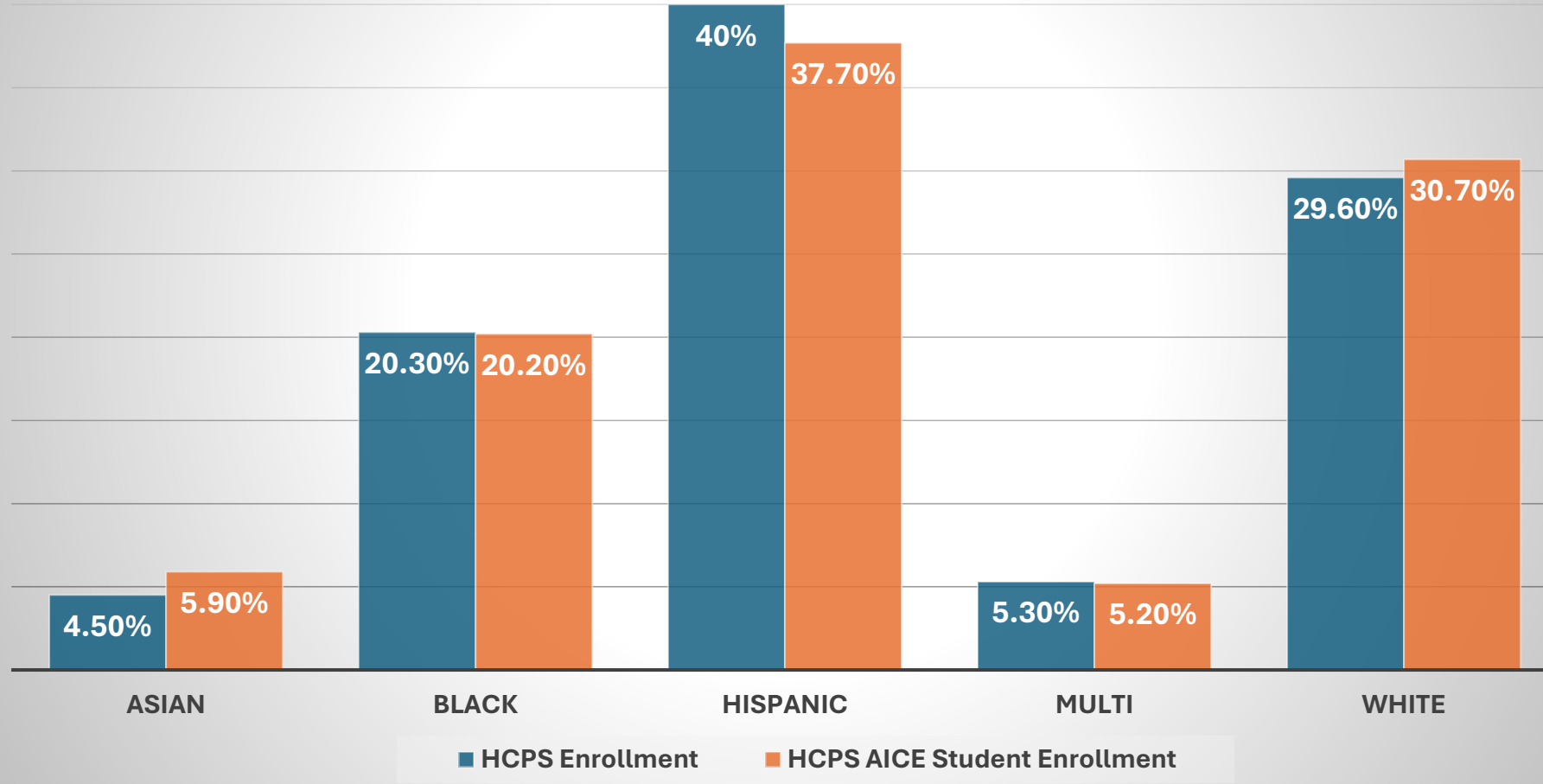
# HCPS Expansion Timeline

## Timeline:

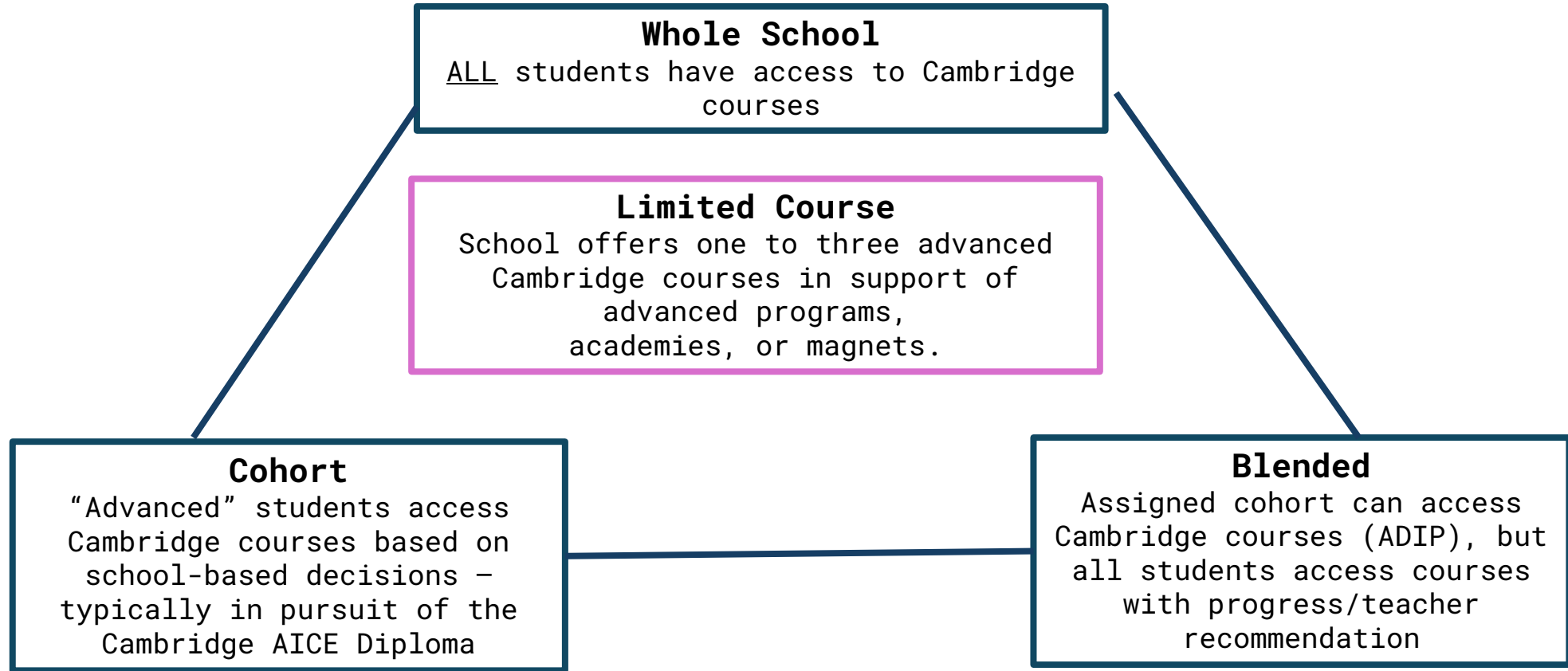
- **19-20:** Onboarding of Sumner HS/Academy 2027, Rodgers MS, Franklin MS, and Ferrell MS.
- **20-21:** Implementation at first 4 sites
- **June 2021:** First Exam Series
- **21-22:** Onboarding of 13 additional high schools, and Shields Middle School
- **June 2022:** Second Exam Series
- **22-23:** Implementation of 17 sites and the onboarding of final 14 high schools, and Liberty Middle School
- **June 2023:** First exam series of expansion
- **23-24:** Implementation at all 28 High Schools



## HCPS Enrollment vs AICE Student Enrollment

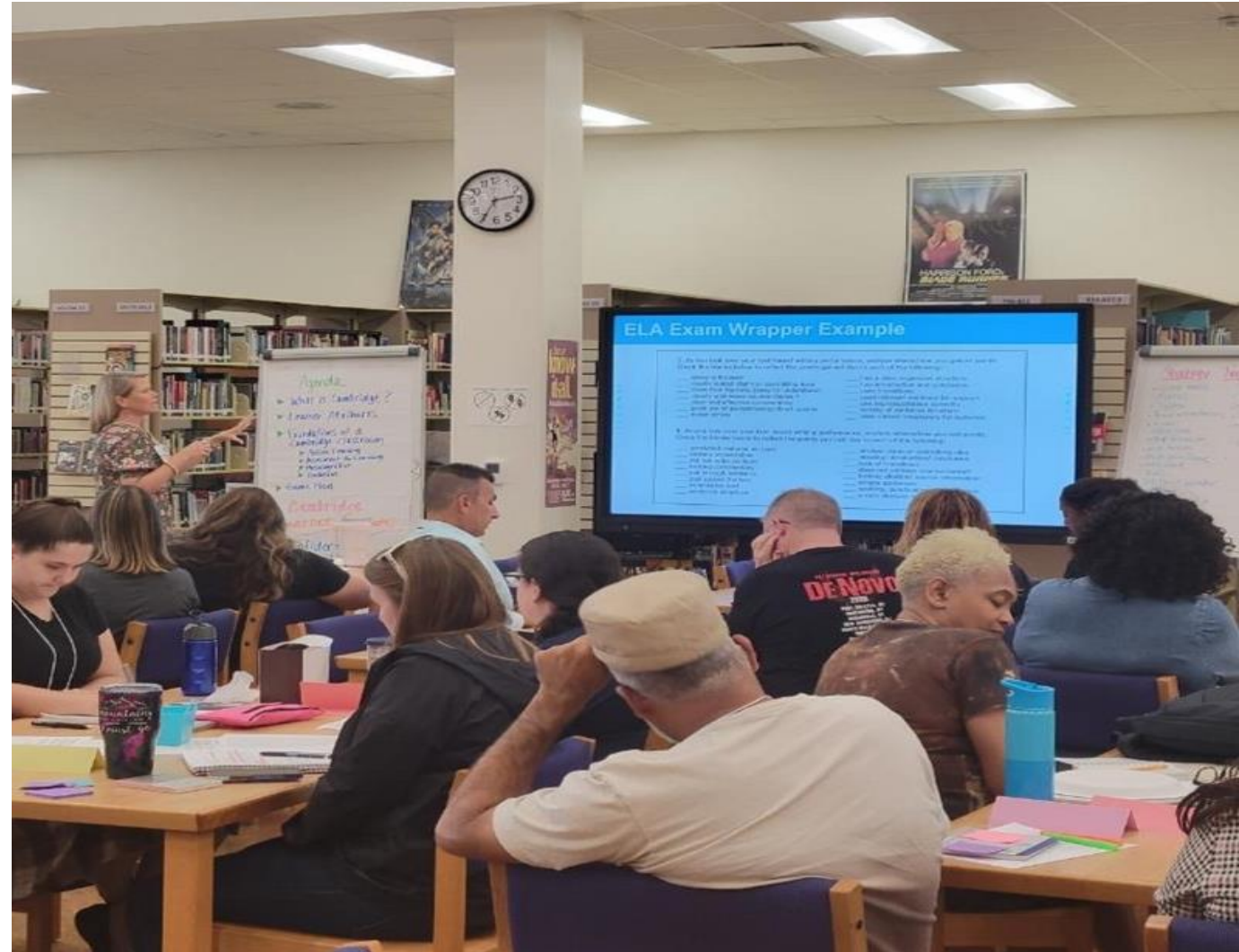


# Implementation Models

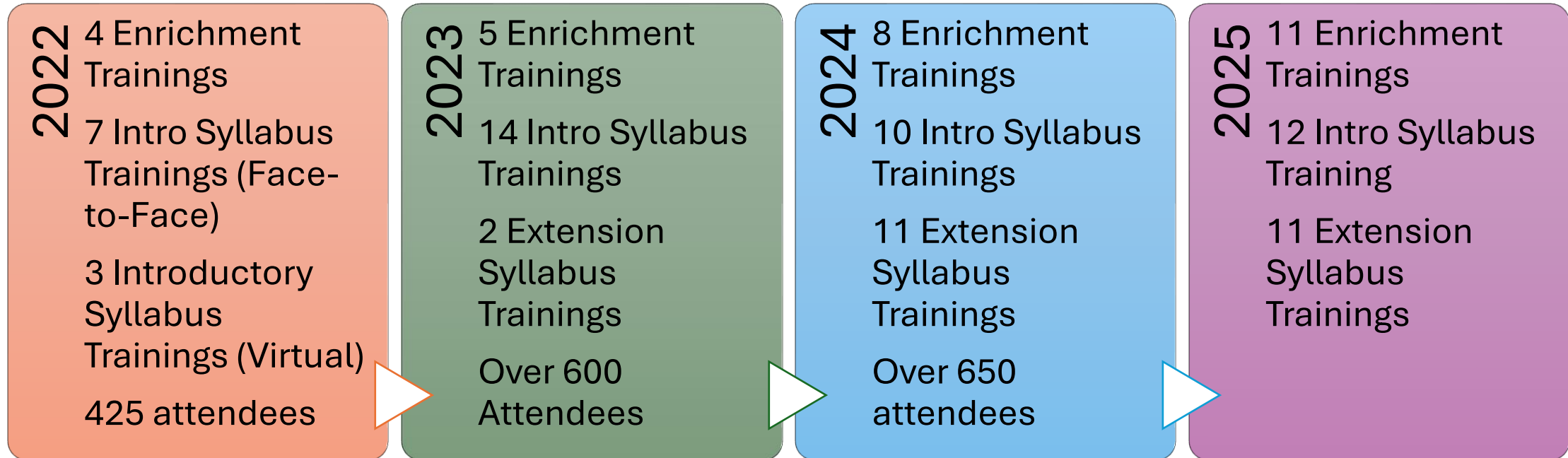


# Professional Learning

- What does a Cambridge Classroom Look Like?
- Hillsborough County Public Schools Cambridge Summer Institute
  - Enrichment
  - Introductory Syllabus
  - Extension Syllabus
  - Administrator & Counselor Sessions
  - Site Breakout Meetings
- Professional Learning Communities
- Support Hub Trainings
- Online Marking Workshops



# Hillsborough County Cambridge Summer Institute



# Sumner High School



Hillsborough County  
PUBLIC SCHOOLS  
Preparing Students for Life

# Where the Cambridge journey began for Hillsborough County: Sumner High School



- First traditional public high school to offer Cambridge International Pathway
- Academy 2027- one cohort of 6<sup>th</sup> graders in 2020
- Opened in Fall 2020 at near maximum capacity: Over 2,400 students (no senior class in 20-21)
- COVID Restrictions/E-Learning
- 7 AICE (AS) Level courses in year 1
- Entire staff was hired/trained at the height of the Pandemic
- Had a dedicated AICE Lead Teacher
  - **Year 1: 940 entries**
  - **Year 2: 2408 entries**
  - **Year 3: 3806 entries**
  - **Year 4: 3109 entries**
  - **Year 5: 3173 entries**
    - **170 AICE Diploma Candidates**

# Sumner High School Demographics



Sumner High School Enrollment	
Hispanic	41%
Black	34.2%
White	18%
Other	5%
Asian or Pacific Islander	1.61%
American Indian or Alaskan Native	.18%
<b>Total Enrollment</b>	<b>3686</b>

*Unity Through Diversity*

# Earn your AICE Diploma!

The Cambridge AICE Diploma is an internationally recognized diploma awarded to students for satisfactory completion of a series of academically rigorous courses specific to AICE in high school.

To earn the AICE Diploma, students will need to:

- Complete at least **7 AICE courses** from different categories (Math & Sciences, Language, Arts and Humanities and Interdisciplinary and Skills-Based Subjects).
- Take and pass the associated tests for each course.
- **Earn college credits**

Students earning the AICE Diploma qualify for the full **Bright Futures Florida Academic Scholarship** with completion of 100 community service hours and are not required to meet the minimum GPA and SAT/ACT scores.

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Take 2 AICE Level Classes	Take 3 AICE Level Classes	Take 3 AICE Level Classes	Take additional AICE Classes
Pre-AICE English I	AICE English Language or Pre-AICE English Literature	AICE English Language AS, AICE English Literature AS	AICE Literature AS/A
Algebra 2 R/H r Geometry R/H	Placement based on Math Progression Plan (AICE Math)	Placement based on Math Progression Plan (AICE Math)	Placement based on Math Progression Plan (AICE Math)
Pre-AICE Biology	Pre-AICE Chemistry	AICE Marine, AICE Environmental Management, Physics Honors	AICE <u>Marine</u> , AICE Environmental Management, Physics Honors
AICE Thinking Skills*	Pre-AICE World History or AICE European History	AICE US History or US History R/H	U.S. Government and Economics
AICE General Paper*	AICE Elective Options (1-3)	AICE Elective Options (0-3) <b>AICE Global Perspectives*</b>	AICE Elective Options (0-4)
Open Electives (2)	Open Electives (0-2)	Open Electives (0-3)	Open Electives (0-4)

Summer's AICE Elective Options		
Group 1 Math & Sciences	Group 2 Languages	Group 3 Arts & Humanities
AICE Psychology AS/A	AICE Spanish	AICE Media Studies AICE Psychology AS/A AICE Drama AS/A AICE Travel and Tourism AICE Business



- Setting the Foundation for freshman diploma seekers
- Multiple pathways with various entry points
- Lessons learned
  - Course readiness
  - Teacher readiness
  - Student interest



Student Name:  
 Candidate #:  
 Graduation Year:

Summer High School  
 AICE Diploma Checklist

<b>DIPLOMA REQUIREMENTS:</b> To earn the Cambridge AICE Diploma, learners must achieve a minimum of seven credits (including Cambridge International AS Level Global Perspectives & Research) from subject groups 1, 2, and 3 (and optionally Group 4). At least one credit must come from each of Groups 1, 2 and 3. The remaining credits can come from any of the groups. A maximum of two credits can count from Group 4. A student is awarded credit by successfully passing the Cambridge International Exam with a score of an a-e.											
Earn at least one credit from Groups 1, 2, and 3									<b>KEY:</b> <ul style="list-style-type: none"> <li>a<sup>+</sup> - e<sup>+</sup> : Passing score</li> <li>U: ungraded, did not pass exam</li> </ul>		
Mathematics & Sciences Group 1			Languages Group 2			Arts & Humanities Group 3			Interdisciplinary & Skill-Based Subjects Group 4 (Optional) (Max 2 points)		
Date of Exam	Exam Grade	Course	Date of Exam	Exam Grade	Course	Date of Exam	Exam Grade	Course	Date of Exam	Exam Grade	Course
		Biology (AS)			English Language (AS)			U.S. History (AS)			General Paper (AS)
		Chemistry (AS)			Spanish Language (AS)			European History (AS)			Thinking Skills (AS)
		Marine Science (AS)						Media Studies (AS)			
		Information Technology (AS)						Drama (AS)			
		*Environmental Management (AS) 1 or 3						Drama (A)	<b>Date of Exam</b>	<b>Exam Grade</b>	<b>Course</b>
		*Psychology (AS) 1 or 3						English Literature (AS)			Global Perspectives & Research (AS)
		AICE (AS) Math						*Environmental Management (AS) 1 or 3	<b>IMPORTANT REMINDERS:</b> <ul style="list-style-type: none"> <li>An * indicates a course that could be applied to either Group. Students may only use it in one group, not both.</li> <li>Students have 25 months (about 2 years) from their first exam to earn all 7 points for the AICE Diploma. The time begins when the student sits for their first exam.</li> </ul>		
		AICE Math (A)						Digital Media and Design (AS)			
		Information Technology (AS)						Travel & Tourism (AS)			
								Business			
								*Psychology (AS) 1 or 3			

## Diploma Tracking

- Updated regularly
- Owned by lead, counselors, teachers, and students
- Communication is key!

# From Data to Development

- Supporting student growth
- Developing partnership with local university
- Parent engagement

Course	2021 Exams Administered	2021 % Pass Rate	2022 Exams Administered	2022 % Pass Rate	2023 Exams Administered	2023 % Pass Rate	2024 Exams Administered	2024 % Pass Rate	2025 Exams Administered
<b>AICE Diploma</b>	Not Offered	Not Offered	35 Entries	13 Earned	188 Entries	32 Earned	153 Entries	77 Earned	165 Entries
<b>ENGLISH GENERAL PAPER</b>	437 Exams	87%	577 Exams	80%	841 Exams	65%	820 Exams	70%	807 Exams
<b>ENVIRONMENTAL MANAGEMENT</b>	25 Exams	79%	55 Exams	50%	97 Exams	60%	74 Exams	65%	179 Exams
<b>SPANISH LANGUAGE</b>	19 Exams	95%	60 Exams	82%	44 Exams	98%	57 Exams	91%	37 Exams
<b>ENGLISH LANGUAGE</b>	55 Exams	87%	222 Exams	59%	350 Exams	46%	431 Exams	47%	384 Exams
<b>HISTORY</b>	42 Exams	62%	297 Exams	39%	469 Exams	32%	446 Exams	44%	384 Exams
<b>THINKING SKILLS</b>	346 Exams	68%	356 Exams	47%	360 Exams	41%	320 Exams	53%	254 Exams
<b>BIOLOGY</b>	16 Exams	50%	22 Exams	0%	26 Exams	3%	20 Exams	0%	Not Offered
<b>GLOBAL PERSPECTIVES &amp; RESEARCH</b>	Not Offered	Not Offered	39 Exams	92%	229 Exams	82%	160 Exams	77%	199 Exams
<b>PHYSICAL EDUCATION</b>	Not Offered	Not Offered	44 Exams	1%	49 Exams	0%	Not Offered	Not Offered	Not Offered
<b>ART AND DESIGN</b>	Not Offered	Not Offered	19 Exams	36%	22 Exams	18%	Not Offered	Not Offered	Not Offered
<b>DRAMA</b>	Not Offered	Not Offered	37 Exams	100%	27 Exams	85%	58 Exams	75%	44 Exams
<b>MUSIC</b>	Not Offered	Not Offered	20 Exams	85%	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered
<b>INFORMATION TECHNOLOGY</b>	Not Offered	Not Offered	49 Exams	14%	57 Exams	2%	28 Exams	0%	Not Offered
<b>MARINE SCIENCE</b>	Not Offered	Not Offered	70 Exams	66%	95 Exams	54%	127 Exams	52%	106 Exams
<b>LITERATURE IN ENGLISH</b>	Not Offered	Not Offered	48 Exams	65%	219 Exams	54%	230 Exams	50%	298 Exams
<b>MATHEMATICS</b>	Not Offered	Not Offered	139 Exams	28%	135 Exams	51%	110 Exams	56%	139 Exams
<b>PSYCHOLOGY</b>	Not Offered	Not Offered	119 Exams	19%	206 Exams	15%	101 Exams	45%	143 Exams
<b>MEDIA STUDIES</b>	Not Offered	Not Offered	Not Offered	Not Offered	56 Exams	59%	29 Exams	41%	35 Exams
<b>CHEMISTRY</b>	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered	12 Exams	2%	18 Exams
<b>BUSINESS</b>	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered	Not Offered	35 Exams

# Leto High School



Hillsborough County  
PUBLIC SCHOOLS  
Preparing Students for Life

# Leto High School's Philosophy on Open Access for ALL Learners

	LHS School-Wide Demographic Data	LHS Cambridge AICE Participant Data
American Indian or Alaskan Native	.1%	.1%
Asian	2.2%	2.1%
Black or African American	6.3%	6.1%
Hispanic	81.9%	81.1%
Multiracial	1.5%	1.9%
White	8%	8.6%
Native Hawaiian or Pacific Islander	.1%	.1%
Students w/EPs (Gifted)	4.6%	7.1%
Students w/IEPs (SWD)	12.7%	8%
Students w/504 Plans	4.4%	5%
English Language Learners	59.8%	53%
Level 1 and 2 Readers (Determined by State Assessment in ELA)	46.3%	34.1%

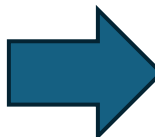
# Leto High School's Success Rates Employing Open Access for ALL Learners

Course	2023 Exams Passed & Given	2023 % Pass Rate	2024 Exams Passed & Given	2024 % Pass Rate
English General Paper	372 of 569	65%	207 of 331	62.5%
English Language	26 of 49	53%	139 of 275	50.5%
Environmental Management	Did Not Offer	Did Not Offer	52 of 72	72%
Global Perspectives	Did Not Offer	Did Not Offer	29 of 29	100%
History	48 of 172	28%	176 of 280	63%
English Literature	Did Not Offer	Did Not Offer	16 of 44	36.4%
Marine Science	37 of 187	20%	52 of 127	41%
Media Studies	29 of 74	39%	Did Not Offer	Did Not Offer
Psychology	Did Not Offer	Did Not Offer	51 of 137	37.2%
Spanish Language	215 of 218	99%	149 of 151	99%
Thinking Skills	68 of 124	55%	30 of 79	38%
Travel & Tourism	Did Not Offer	Did Not Offer	70 of 186	38%

# Leto High School's Advanced Academics Crosswalk for Coursework

## Understanding Advanced Courses

	AP	AICE	Dual Enrollment
<b>What is the pathway?</b>	AP classes offer students the opportunity to take rigorous, college-level courses while still in high school. These courses are developed by the College Board and taught by high school teachers who follow its curriculum guidelines.	AICE classes provide students with the opportunity to take rigorous, college-level courses while still in high school. These courses are developed by the Cambridge AICE program and are taught by high school teachers who follow the Cambridge curriculum.	Dual Enrollment classes allow high school students to take rigorous, college-level courses. These courses are taught by teachers approved by Hillsborough Community College (HCC) and follow HCC's curriculum. (Students must meet certain requirements, including a qualifying PERT score and GPA, to enroll in some Dual Enrollment courses.)
<b>What are the benefits of the pathway?</b>	Taking AP classes in high school allows students to earn college credit by passing an end-of-course exam, receive a GPA boost, demonstrate college readiness, strengthen their college applications, save on college costs, and build confidence through exposure to rigorous coursework.	Taking Cambridge AICE courses in high school allows students to earn college credit by passing AICE exams, receive a GPA boost, and, by completing the required courses, become eligible for the AICE diploma—which waives test score and GPA requirements for Bright Futures eligibility.	Dual Enrollment allows high school students to earn college credit, boost their GPA, and, for Collegiate Academy participants, graduate with an <b>Associate in Arts degree</b> , all while gaining valuable academic experience and reducing future tuition costs.
<b>What courses are offered via the pathway?</b>	<ul style="list-style-type: none"> <li>2-D Art and Design</li> <li>Calculus AB</li> <li>Calculus BC</li> <li>Pre-Calculus</li> <li>Physics C</li> <li>Spanish Literature</li> <li>Statistics</li> </ul>	<ul style="list-style-type: none"> <li>English Language</li> <li>English Literature</li> <li>Spanish Language</li> <li>Spanish Literature</li> <li>Global Perspectives</li> <li>International History</li> <li>US History</li> <li>General Paper</li> <li>Marine Science</li> <li>Environmental Science</li> <li>Media Studies</li> <li>Thinking Skills</li> <li>Travel &amp; Tourism</li> </ul>	<p><b>Taught on Leto's campus:</b></p> <ul style="list-style-type: none"> <li>ENC 1101 and 1102</li> <li>LIT 2000</li> <li>BSC 1005 w/Lab</li> <li>AST 1002C</li> <li>SPN 1120 &amp; 1121 (Facilitated)</li> <li>CGS 1107 (Facilitated)</li> <li>PSY 2012</li> <li>MGF 1130 &amp; 1131</li> <li>MAC 1105 &amp; MAC 1114</li> <li>SLS 1106</li> <li>SPC 1608 (Facilitated)</li> <li>HUM 1020 (Facilitated)</li> <li>AMH 2010 &amp; 2020</li> </ul> <p><b>Taught on HCC's campus:</b></p> <ul style="list-style-type: none"> <li>Any class that counts toward an AA degree. Must be cleared with Leto counselor first.</li> </ul>



Semester One		Semester Two	
<b>CLASS OF 2025 FRESHMAN YEAR</b>			
Writing or Semantics English 1 Honors Geometry Honors or Algebra 2 Honors Biology Honors AP Human Geography REA 2505 Vocab Improvement (3 DE Credits @ LETO) or SLS 1106 College Success (3 DE Credits @ LETO) Elective	Writing or Semantics English 1 Honors Geometry Honors or Algebra 2 Honors Biology Honors AP Human Geography REA 2505 Vocab Improvement (3 DE Credits @ LETO) or SLS 1106 College Success (3 DE Credits @ LETO) Elective		
<b>SOPHOMORE YEAR</b>			
Eng Hon 2 MGF 1106: Math for Lib Art 1 BSC 2010/L or AST 1002 Astronomy (3 DE Credits @ LETO) AP World History SPN 1120 Elementary Spanish 1 (4 DE Credits @ LETO) High School Elective	Eng Hon 2 MGF 1107: Math for Lib Art 2 BSC 2010/L or AST 1002 Astronomy (3 DE Credits @ LETO) AP World History SPN 1121 Elementary Spanish 2 (4 DE Credits @ LETO) High School Elective		
<b>JUNIOR YEAR</b>			
ENC 1101: English Composition 1 (3 DE Credits @ Leto) Algebra 2 or AP Pre-Calc AMH 2010: Early American History CGS 1000 Intro. to Computers (3 DE Credits @ LETO) or PSY 2021 Intro. to Psychology (3 DE Credits @ LETO) SPN 1120 Elementary Spanish 1 (4 DE Credits @ LETO) AICE Elective (Travel & Tourism) High School Elective	ENC 1102 English Composition 2 (3 DE Credits @ Leto) Algebra 2 or AP Pre-Calc AMH 2020: Modern American History CGS 1000 Intro. to Computers (3 DE Credits @ LETO) or PSY 2021 Intro. to Psychology (3 DE Credits @ LETO) SPN 1121 Elementary Spanish 2 (4 DE Credits @ LETO) AICE Elective (Travel & Tourism) High School Elective		
<b>SENIOR YEAR</b>			
ENC 1101: English Composition 1 (3 DE Credits @ Leto) US Gov't Honors / Economics Honors AP Calculus AB or AP Calculus BC or AP Pre-Calc SPC 1608 Public Speaking (may be S1 or S2) HCC Humanities Elective-HUM 1020 or LIT 2000 (3 DE Credits @ Leto) (students will take both - one each sem) IDS 2891 (may be S1 or S2, once student earns 45 credit hours) 2 High School Electives	ENC 1102 English Composition 2 (3 DE Credits @ Leto) US Gov't Honors / Economics Honors AP Calculus AB or AP Calculus BC or AP Pre-Calc SPC 1608 Public Speaking (may be S1 or S2) HCC Humanities Elective-HUM 1020 or LIT 2000 (3 DE Credits @ Leto) (students will take both - one each sem) IDS 2891 (may be S1 or S2, once student earns 45 credit hours) 2 High School Electives		

SUMMER COURSES MAY BE REQUIRED IF STUDENT DOES NOT EARN QUALIFYING SCORES ON AP EXAMS. STUDENTS ARE ELIGIBLE TO TAKE UP TO 3 CLASSES PER SEMESTER, INCLUDING SUMMER!  
\*\*High school electives after freshman year may be replaced with a Reading class if students do not pass the FSA Reading Benchmark\*\*

Class of 2026	
9 <sup>th</sup> English- English 1 Reg/Hon Math- Geo Reg/Hon or Alg 2 Reg/Hon Science- Bio 1 Reg/Hon Social Studies- US Govt Hon/SLS Elective- ACE General Paper Elective- ACE Thinking Skill or ACE Travel and Tourism Elective- Intensive Reading/Choice	AICE (Diploma Track 3+) English- English 1 Reg/Hon Math- Based on 8 <sup>th</sup> grade data Science- Bio 1 Reg/Hon Social Studies- US Govt Hon/Multicultural Studies Elective- ACE Travel and Tourism or ACE Thinking Skills Elective- Intensive Reading/Choice Elective- Choice
10 <sup>th</sup> English- ACE English Language Math- MGF 1106/1107 or MAC 1105/1114 Science- BSC 1005 & LAMT 1002C or ACE Environmental Science Social Studies- ACE International Elective- ACE Psychology Elective- Choice Elective- Intensive Reading/Choice	English- ACE English Language Math- Based on 9 <sup>th</sup> grade data Science- ACE Environmental Science Social Studies- ACE International Elective- Choice Elective- Choice
11 <sup>th</sup> English- ACE English Literature Math- AP Pre-Calc, AP Calc AB, or ACE Pure Mathematics Science- ACE Environmental Science (unless already taken) Social Studies- AMH 2020/2020 Elective- SPN 1120/21 (4 credits each) Elective- ACE Global Perspectives Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)	English- ACE General Paper or ACE English Literature Math- Based on 10 <sup>th</sup> grade data or ACE Pure Mathematics Science- Rigorous Science Course Social Studies- ACE US History Elective- ACE Global Perspectives Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)
12 <sup>th</sup> English- UT 2000/HUM 1020 Math- AP Pre-Calc, AP Calc AB, AP Calc BC, or AP Stat Science- OBM 1000C or Another Rigorous Science Course Social Studies- Econ Hon/Choice Elective- CGS 1100/SPC 1608 Elective- Choice. <i>May need ENC 1101/1102 and/or PSY 2012 if exam not passed</i> Elective- Choice	If AICE diploma was not earned after grade 11, personal trajectory will be created to assist student in earning AICE diploma.

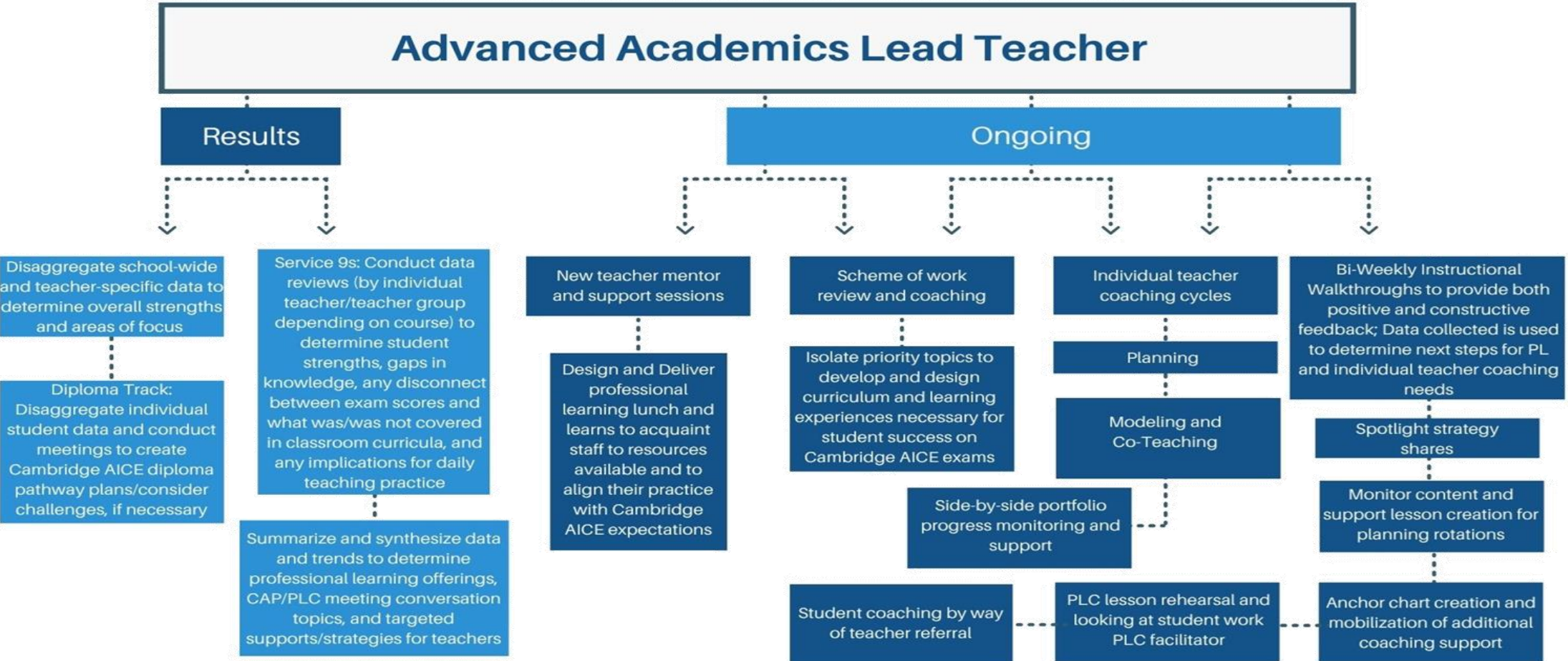
Class of 2027	
9 <sup>th</sup> English- English 1 Reg/Hon Math- Geo Reg/Hon or Alg 2 Reg/Hon Science- Bio 1 Reg/Hon Social Studies- US Govt Hon/SLS Elective- ACE General Paper Elective- ACE Thinking Skill or ACE Travel and Tourism Elective- Intensive Reading/Choice	AICE (Diploma Track 3+) English- English 1 Reg/Hon Math- Based on 8 <sup>th</sup> grade data Science- Bio 1 Reg/Hon Social Studies- US Govt Hon/Multicultural Studies Elective- ACE Travel and Tourism or ACE Thinking Skills Elective- Intensive Reading/Choice Elective- Choice
10 <sup>th</sup> English- ACE English Language Math- MGF 1106/1107 or MAC 1105/1114 Science- BSC 1005 & LAMT 1002C or ACE Environmental Science Social Studies- ACE International Elective- PSY 2012/SPC 1608 Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)	English- ACE English Language Math- Based on 9 <sup>th</sup> grade data Science- ACE Environmental Science Social Studies- ACE International Elective- Choice Elective- Choice
11 <sup>th</sup> English- ACE English Literature Math- AP Pre-Calc, AP Calc AB, or ACE Pure Mathematics Science- ACE Environmental Science (unless already taken) Social Studies- AMH 2020/2020 Elective- SPN 1120/21 (4 credits each) Elective- ACE Global Perspectives Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)	English- ACE General Paper or ACE English Literature Math- Based on 10 <sup>th</sup> grade data or ACE Pure Mathematics Science- Rigorous Science Course Social Studies- ACE US History Elective- ACE Global Perspectives Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)
12 <sup>th</sup> English- UT 2000/HUM 1020 Math- AP Pre-Calc, AP Calc AB, AP Calc BC, or AP Stat Science- OBM 1000C or Another Rigorous Science Course Social Studies- Econ Hon/Choice Elective- CGS 1100 Elective- Choice	If AICE diploma was not earned after grade 11, personal trajectory will be created to assist student in earning AICE diploma.

Class of 2028	
9 <sup>th</sup> English- English 1 Reg/Hon Math- Geo Reg/Hon or Algebra 2 Reg/Hon Science- Bio 1 Reg/Hon Social Studies- ACE International Elective- ACE General Paper Elective- SALS/GS Elective- Intensive Reading/Choice	AICE (Diploma Track 3+) English- English 1 Reg/Hon Math- Based on 8 <sup>th</sup> grade data Science- Bio 1 Reg/Hon Social Studies- ACE International Elective- ACE General Paper Elective- Intensive Reading/Choice Elective- Choice (Can choose ACE Thinking Skill/AICE Spanish Language/AICE Drama with Guidance On or administrator approval)
10 <sup>th</sup> English- ACE English Language Math- MGF 1106/1107 or MAC 1105/1114 Science- BSC 1005 & LAMT 1002C or ACE Environmental Science Social Studies- US Govt Hon/Financial Lit Elective- PSY 2012/SPC 1608 Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)	English- ACE English Language Math- Based on 9 <sup>th</sup> grade data Science- ACE Environmental Science Social Studies- US Govt Hon/Financial Lit Elective- ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language/ACE Drama (if needed) or Choice (if needed)
11 <sup>th</sup> English- ACE English Literature Math- AP Pre-Calc, AP Calc AB, or ACE Pure Mathematics Science- ACE Environmental Science Social Studies- AMH 2020/2020 Elective- SPN 1120/21 (4 credits each) Elective- ACE Global Perspectives Elective- Intensive Reading/Choice or ACE Travel & Tourism/ACE Thinking Skills/ACE Media Studies/ACE Spanish Language	English- ACE English Literature Math- Based on 10 <sup>th</sup> grade data or ACE Pure Mathematics Science- Rigorous Science Course Social Studies- ACE US History Elective- ACE Global Perspectives Elective- Choice
12 <sup>th</sup> English- UT 2000/HUM 1020 Math- AP Pre-Calc, AP Calc AB, AP Calc BC, or AP Stat Science- ACE Environmental Science Social Studies- Econ Hon/Choice Elective- Choice Elective- Choice	If AICE diploma was not earned after grade 11, personal trajectory will be created to assist student in earning AICE diploma.

### How Do These Pathways Differ?

Rather than viewing these programs as separate or distinct, consider them as different paths leading toward the same goal: helping students earn college credit and gain experience with rigorous coursework. Dual Enrollment courses allow students to earn college credit through their performance in the class, without the high-stakes pressure of a final exam. In contrast, AICE and AP courses require students to pass a final exam in order to receive college credit.

# Leto High School's Cambridge AICE Teacher Coaching & Support System



# Wharton High School



Hillsborough County  
PUBLIC SCHOOLS  
Preparing Students for Life



# WHARTON HIGH SCHOOL

## Demographics

2024 -2025

Total Enrollment: 2289	
Hispanic	31.50%
Black	31.20%
White	26.60%
Two or More Races	5.60%
Asian	4.90%
American Indian / Alaska Native	0.10%
Native Hawaiian / Pacific Islander	0.10%

# 4 YEAR AT A GLANCE

## 9<sup>th</sup> Grade (2022-23)

### AICE

- ▶ AICE General Paper
- ▶ AICE Thinking Skills

### Gen ED / AP

- ▶ World Language
- ▶ Biology Honors
- ▶ Geo / Ala 2
- ▶ English 1 Hon
- ▶ Elective  
*If looking for academic elective;  
AP Comp Science Principles, AP Human*

*\*HOPE & Performing Arts must still be completed*

## 10<sup>th</sup> Grade (2023-24)

### AICE

- ▶ AICE International  
*Pick at least one from below...\*\**
- ▶ AICE Marine Science (Chem Pre Req)
- ▶ AICE Environment Management
- ▶ AICE Psychology
- ▶ AICE Travel and Tourism
- ▶ AICE Media Studies
- ▶ AICE Spanish Language

### Gen ED / AP

- ▶ Chemistry Honors
- ▶ Math
- ▶ World Languages
- ▶ AICE Eng Lang
- ▶ Elective

## 11<sup>th</sup> Grade (2024-25)

### AICE

- ▶ AICE US History
- ▶ Global Perspectives  
*Pick at least one from below if not done already\*\**
- ▶ AICE Spanish Language
- ▶ AICE English Language  
*Pick at least one Science from below...\*\**
- ▶ AP Biology
- ▶ AP Chemistry
- ▶ AP Physics
- ▶ AICE Marine Science
- ▶ AICE Environment Management

### Gen ED / AP

- ▶ Math
- ▶ AP English Language  
*5 classes + World Lang (if not done), 1 or 2 electives.*

## 12<sup>th</sup> Grade (2025-26)

### AICE

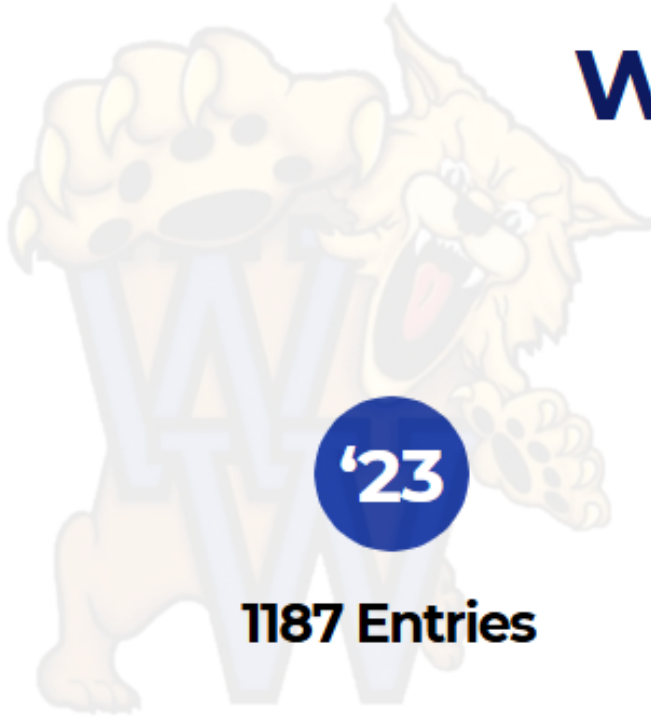
**Required Courses Completed!**  
Students may take any AICE/Cambridge course of their choosing.

### Gen ED / AP

- ▶ Math
- ▶ Economics/Government
- ▶ AP Lit or ENC 1101/1102  
*3 classes + Science class, 3 electives. Any Electives Offered including AICE courses*

# Wharton High School Data Trends

Exam Course Name	2023 Exams Administered	2023 % Pass Rate	2024 Exams Administered	2024 % Pass Rate	2025 Exams Administered
English General Paper	310 entries	94.52%	161 entries	90.68%	***478 entries
English Language	136 entries	69.85	266 entries	62.40%	175 entries
Environmental Management	Did Not Offer	Did Not Offer	40 entries	82.50%	52 entries
Global	Did Not Offer	Did Not Offer	61 entries	65.50%	177 entries
History	252 entires	46.40%	304 entries	68.40%	280 entries
Marine Science	105 entries	80%	138 entries	80.40%	132 entires
Media Studies	Did Not Offer	Did Not Offer	49 entries	87.70%	77 entries
Psychology	79 entries	38%	121 entries	71%	132 entires
Spanish Language	Did Not Offer	Did Not Offer	35 entries	88.50%	37 entries
Thinking Skills	305 entries	80%	163 entries	***59.5%	128 entries
Travel & Tourism	Did Not Offer	Did Not Offer	80 entries	76.20%	79 entries



# WHARTON HIGH SCHOOL

## English Gen Paper Data

2024 -2025

'23

**1187 Entries**

English Gen Paper:  
310 entries

'24

**1418 Entries**

English Gen Paper:  
161 entries

Aice Diploma  
Candidates:  
46

'25

**1908 Entries**

English Gen Paper:  
478 entries

Aice Diploma  
Candidates:  
164

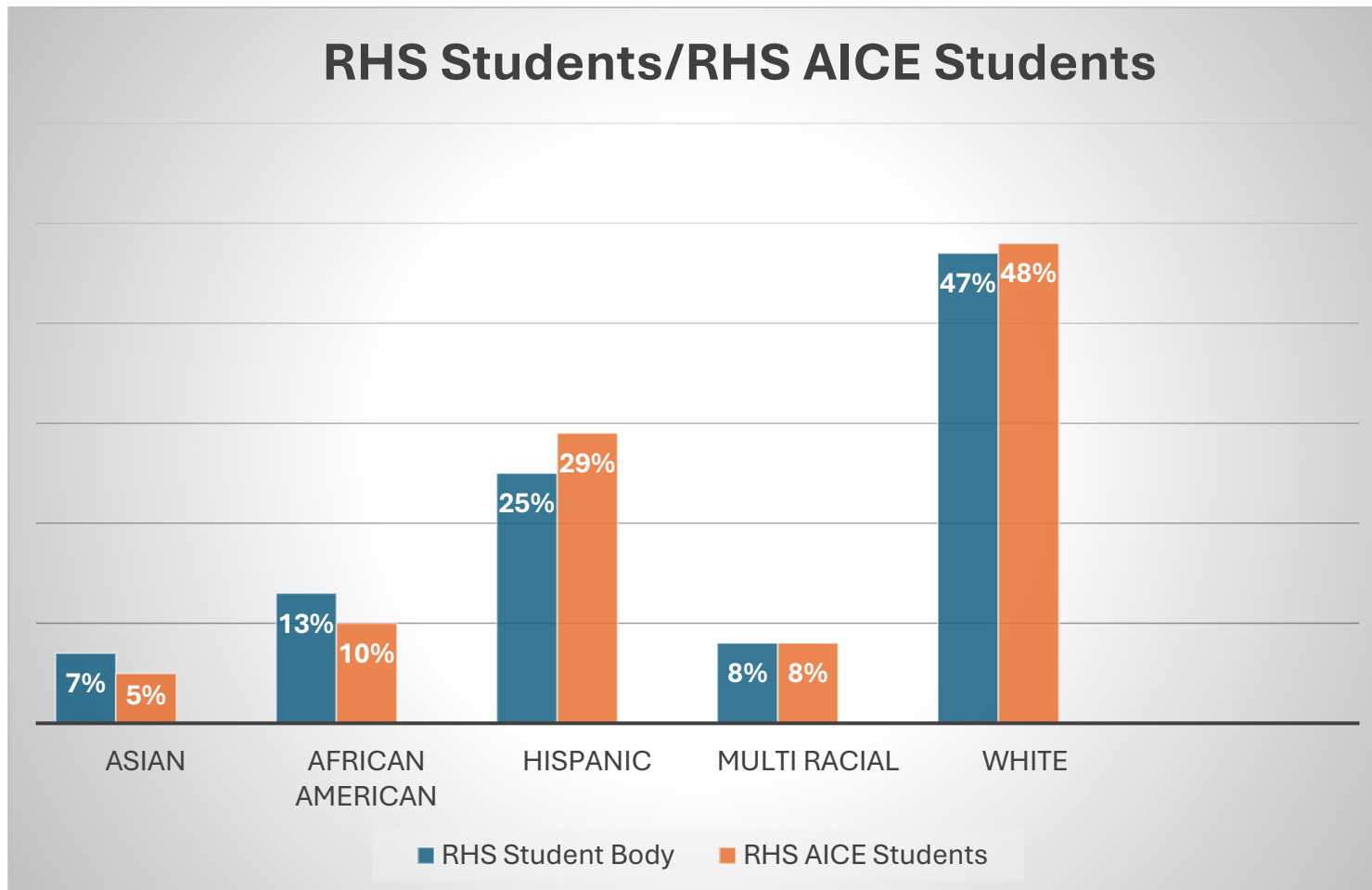
# Robinson High School



Hillsborough County  
PUBLIC SCHOOLS  
Preparing Students for Life

# Robinson High School

## Cambridge AICE Open Access for ALL students



- Year Open: **1959**
  - Full School Rebuild in 2023
- Total Student: **1430**
- 1<sup>st</sup> Year Implementing Cambridge AICE: **2023-24**
- Faculty Members: **87**
- International Baccalaureate Magnet School:
- Aero Space Academy:
- Located next to MacDill Air Force Base- Tampa, FL
  - 330 Military Students

# Robinson HS- Strategic Planning for Accelerated Program Offerings

- Leadership Team reviewed past course success rates
  - Example:

AP English Language	Whole School Pass Rate: 74% Non-IB Pass Rate: 32%
AP English Literature	Whole School Pass Rate: 84% Non-IB Pass Rate: 31%
AP Mirco Economics	Whole School Pass Rate: 60% Non-IB Pass Rate: 22%
AP-US History	Whole School Pass Rate: 87% Non-IB Pass Rate: 42%
US Government	Whole School Pass Rate: 71% Non-IB Pass Rate: 37%

- Identified Teachers with Cambridge AICE potential
- Shared Cambridge AICE Program information with entire Robinson High School Community!
  - Interest grew very quickly!!!
- Began Incorporating Cambridge AICE courses into the IB 9th grade course options!

# Robinson HS Course Offerings

Year 1: 2023-24, 693 Exam Entries	Year 2: Additions 2024-25, 1133 Entries
English General Paper	English Literature AS
Thinking Skills	Marine Science AS
English Language AS	European History AS
Environmental Management AS	Travel and Tourism
United States History AS	<b>Global Perspectives</b>
Psychology AS	
Spanish Language	
Media Studies	

# THANK YOU!

**Jazheel Lenegar-Brown, Executive  
Director of Instructional  
Support/Accelerated Programs**  
[Jazheel.Lenegar@hcps.net](mailto:Jazheel.Lenegar@hcps.net)

**Larissa McCoy, Principal- Leto High School**  
[larissa.mccoymitti@hcps.net](mailto:larissa.mccoymitti@hcps.net)



**Hillsborough County**  
PUBLIC SCHOOLS  
Preparing Students for Life

**Taryn Anello, Principal- Wharton High School**  
[Taryn.Anello@hcps.net](mailto:Taryn.Anello@hcps.net)

**David Brown, Principal- Robinson High School**  
[David.brown@hcps.net](mailto:David.brown@hcps.net)