



**COOPER CITY HIGH SCHOOL**  
**CAMBRIDGE INTERNATIONAL SCHOOL**  
*"A" Tradition of Excellence*



Cambridge  
**AICE**  
 Diploma



# Advanced Academics at Cooper City High School



Vera Perkovic  
 Principal

**AP Capstone**<sup>™</sup>

Research  
 Academic Rigor  
 Distinction

**CollegeBoard**  
 Advanced Placement  
 Program

**THIS IS YOUR  
 JUMP START.**

Dual Enrollment  
 for high school students

CAMBRIDGE INTERNATIONAL SCHOOL



**COOPER CITY  
 HIGH SCHOOL**

*'A' Tradition of Excellence*



## Advanced Academics

- Cambridge AICE Diploma
- College Board Advanced Placement Capstone



**CAMBRIDGE**  
 International Examinations

*Excellence in education*



Educating Today's Students to Succeed in  
Tomorrow's World

*Our goal is to provide each  
student the preparation  
necessary for success in  
college and in the world  
beyond.*



**COOPER CITY**  
HIGH SCHOOL

'A' Tradition of Excellence

# Advanced Academic Programs

Advanced Placement



AICE Cambridge



UNIVERSITY of CAMBRIDGE  
International Examinations  
Cambridge International School

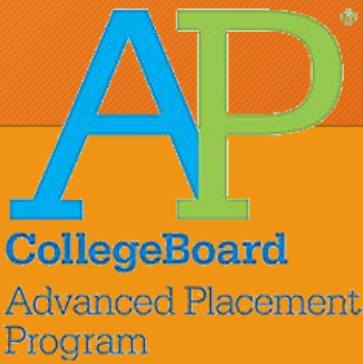
Dual Enrollment

# Dual Enrollment (DE) and Early Admission

- Eligibility requirements
  - GPA, test scores, application
- Off campus
- College-level instruction
- Grades part of college transcript
- To apply:
  - 1. Must have an UNWEIGHTED GPA 3.0 by deadline
  - 2. Obtain your BC ID number and BC email by going to [broward.edu](http://broward.edu) and applying as a Dual Enrollment student.
  - 3. Send your counselor: BC #, BC email, include your name, personal email and phone#.
  - 3. Qualifying test scores (Accuplacer, PERT, SAT, ACT)
  - \*\*\*ALL test scores, GPA requirements, and forms must be completed by deadline for each semester.

**THIS IS YOUR  
JUMP START.**

**Dual Enrollment**  
for high school students



## Advanced Placement

- Endorsed by College Board
- Well Established in USA
- Exams: multiple choice and free response
- Exams administered within the school year
- AP Capstone Diploma

- ✓ Both advanced and rigorous
- ✓ Depth and breadth of subject matter
- ✓ Two quality points weighted GPA
- ✓ Possible credit by exam - equally accepted by Florida Schools
- ✓ Must take exams to earn quality points towards weighted GPA

## AICE Cambridge

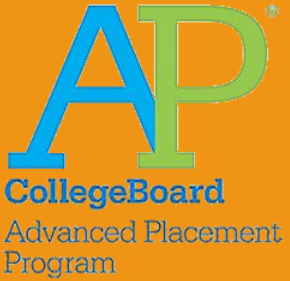
- Offered by University of Cambridge
- Cambridge Diploma Option
- Florida Academic Scholars Award (Bright Futures Scholarship) without SAT/ACT scores
- Exams may be outside of school year
- No make up exams



**Cambridge Assessment International Education**

Cambridge International School

# AP Capstone



AP Capstone™

Research

Academic Rigor

Distinction

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Capstone is a program developed by the College Board. It consists of a two-year high school program and two courses: the AP Seminar and the AP Research courses. Students who successfully complete the program and obtain scores of 3 or higher on at least four other AP exams, receive either an AP Capstone Diploma or an AP Capstone Certificate.



**CollegeBoard**

Advanced Placement  
Program

## Advanced Placement®: The Basics

- AP® courses are college-level courses offered in high school
- Courses reflect what is taught in top introductory college courses
- Students take **AP Exams** at the end of the course, measuring their mastery of college-level work
- A score of 3 or higher on an AP Exam can typically earn students college credit and/or placement into advanced courses in college

# Advanced Placement Course Offerings Cooper City High School 2021-2022



Groups	Courses	
1. Mathematics and Science	AP Biology AP Chemistry AP Physics I AP Calculus AB AP Calculus BC	AP Statistics AP Computer Principles AP Computer Science A
2. Languages	AP English Language and Composition AP English Literature and Composition AP Spanish Language and Culture AP Spanish Literature	
3. Arts and Humanities	AP Human Geography AP World History AP US Government	AP US History AP Psychology AP Studio Art: Drawing, 2D
4. Interdisciplinary	AP Capstone Seminar AP Capstone Research * *Mastery and passing of AP Capstone Seminar Exam	

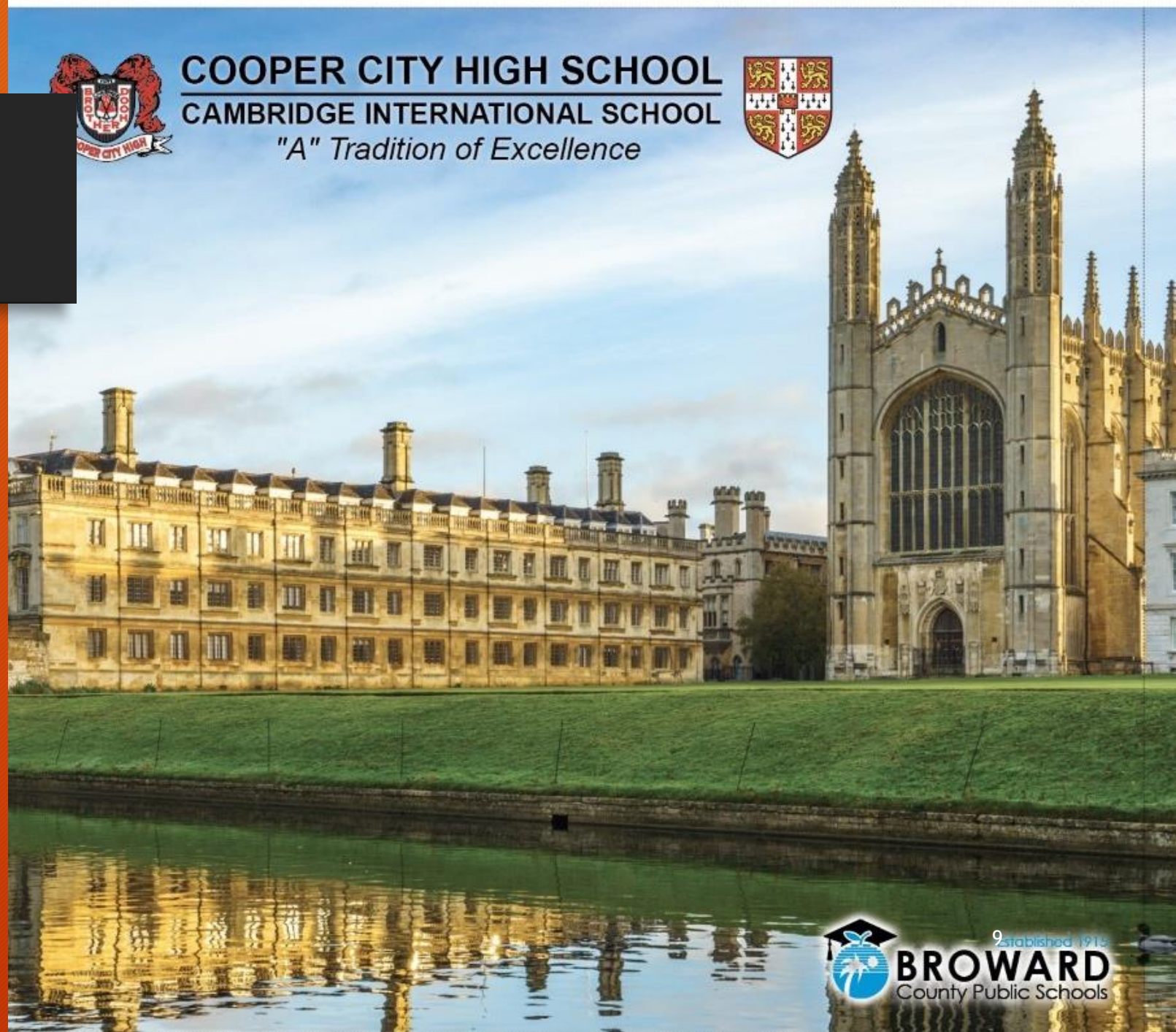


# Cambridge AICE Program

- Developed by the University of Cambridge in England
- Exams taken at Cooper City High School and graded in England



**COOPER CITY HIGH SCHOOL**  
**CAMBRIDGE INTERNATIONAL SCHOOL**  
*"A" Tradition of Excellence*



# Alphabet soup for the Cambridge Soul



**AICE:** Advanced International Certificate of Education diploma

**AS Level:** Advanced Subsidiary Level syllabus and exam (First year of a two-year course)

**A Level:** Advanced Level syllabus and exam (Two-year course)



# Why participate in the Cambridge program?



Earn two (2) quality points - weighted GPA



Earn a Cambridge International Diploma if they accumulate at least 7 points by passing AICE exams (each AS level exam counts as one point) within the three (3) year period



**Cambridge Diploma + 100 service hours = highest level of Bright Futures scholarship without having to meet the SAT/ACT requirements = \$\$\$\$.**  
Includes allowance for books.



Opportunity to sit for the exams if a passing score is not earned initially.



# Advanced International Certificate of Education (AICE) Diploma requirements

## 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

4 Required  
+  
3 Choice  
=  
7 points

## AICE Diploma Requirements

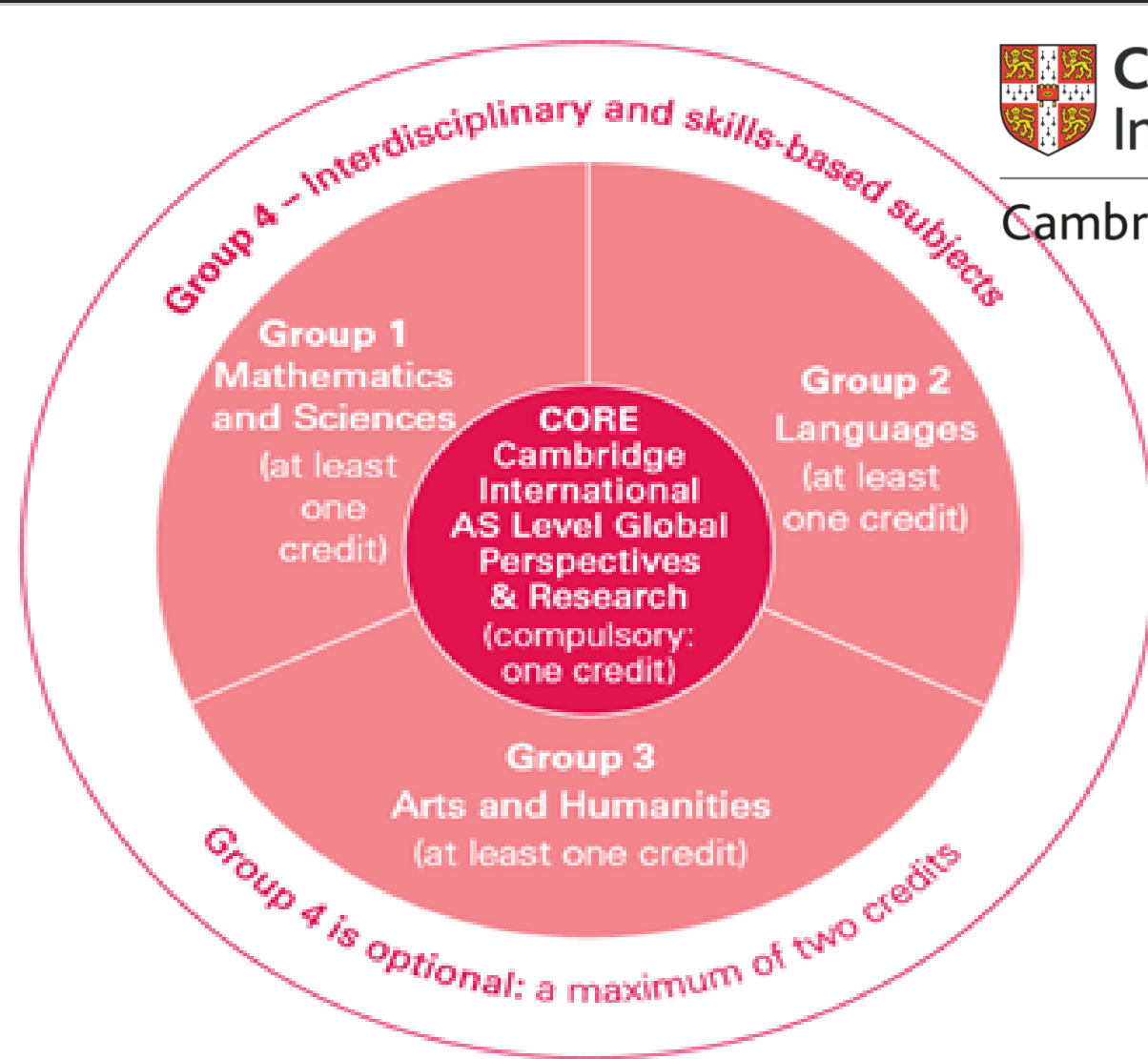
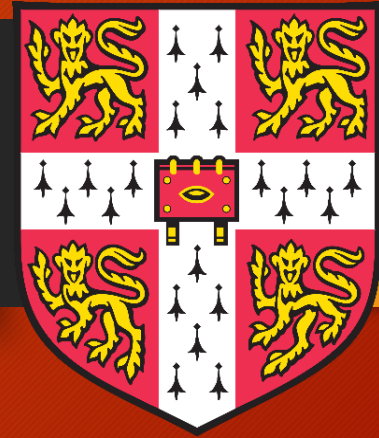
- *Combines breadth of study with choice and flexibility*
- *Selection comes from three curriculum areas and one Core*
- *Total of 7 points required: at least one from Groups 1-3; one from Core; three from learner's choice*
- *Passing scores are required on all exams to receive Diploma*

# AICE Cambridge Diploma Requirements?



Cambridge Assessment  
International Education

Cambridge International School



**Total of seven credits  
required for Diploma**

**Cambridge International  
AS Level = one credit**

**Cambridge International  
A Level = two credits**

**Learners can accumulate  
credits for the Diploma  
over a 25-month period.**

# AICE Cambridge Course Offerings Cooper City High School 2021-2022



## Group 1: Mathematics and Science

- *AICE Marine Science AS*
- *AICE Computer Science AS*
- *AICE Environmental Management AS*

## Group 2: Languages

- *AICE English Language AS*
- *AICE English Literature AS*
- *AICE Spanish Language (First Language) AS*

Compulsory Core (Required)  
*AICE Global Perspectives AS*

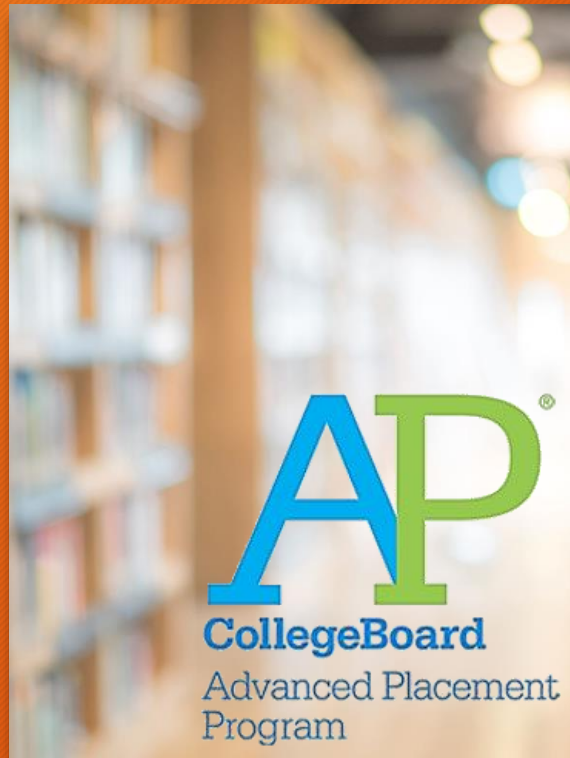
## Group 3: Arts and Humanities

- *AICE Sociology AS*
- *AICE European History AS*
- *AICE European History A*
- *AICE Media Studies AS*
- *AICE Business AS*
- *AICE Drama AS*
- *AICE Environmental Management AS*
- *AICE Travel and Tourism AS*

## Group 4: Interdisciplinary and skill-based subjects

- *AICE English General Paper AS*
- *AICE Thinking Skills AS*

# Which One Should I take?



It depends...

- What are your interests and strengths?
- We offer many rigorous courses at Cooper City High School, both AP and AICE Cambridge - you have a choice.
- AP Courses available- Academic and elective.
- AICE Cambridge course available - Academic and Electives
- Students may take both AP and AICE Cambridge classes simultaneously.
- Please check on the acceptance of AP/AICE courses with universities of interest. Information available on Cooper City High School's website.

# • AP Scoring

# • AICE Scoring

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AP Exam Score	Recommendation	College Course Grade Equivalent
5	Extremely Well Qualified	A+ or A
4	Well Qualified	A-, B+, or B
3	Qualified	B-, C+, or C
2	Possibly Qualified	-----
1	No Recommendation	-----

Cambridge Exam Grade	U.S. Performance Grade
A*, A	A+, A
B	A-, B+
C	B
D	C+
E	C
U	Did not pass

<https://apstudents.collegeboard.org/about-ap-scores>

<https://www.cambridgeinternational.org/usa/score-results-for-students/>



# AP and AICE General Information



Students can take AP and AICE classes simultaneously



Students earn 2 quality points on local GPA for AP and AICE classes



Students may earn college credit if AICE or AP exams are passed



Benefits of AICE Program: Students may earn an AICE Diploma and Students earning an AICE diploma and 100 community service hours will qualify for Bright Futures - Florida Academic Scholar Award.

# Selection Suggestions

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Choose your classes wisely



Develop time management skills



Choose courses that maximize your strengths



Speak with teachers and students who have already taken the course

**Be a Well Rounded Student**

**BEYOND THE CLASSROOM!**

**Get Involved:**

- Clubs
- Community Service
- School Activities
- Sports

**Clubs & Organizations**

**VOLUNTEER**

**IT'S TIME TO MAKE A DIFFERENCE WHEREVER YOU ARE!**

**YES**

**CLUBS**

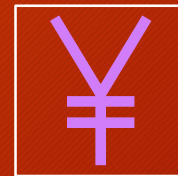
**ART CLUB**

**STUDENT NEWS**

**Clubs & Organizations**



*Balance*



Remember: there are only 24 hours in a day!

# Common Questions

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- Can I take Advanced Placement, AICE Cambridge and Dual Enrollment classes and/or participate in other programs and extracurricular activities?
  - *YES! The programs actually work very well together, and we will design a schedule for interested students.*
- Can I take the AP Capstone program and Cambridge?
  - *Yes, and we can work on a schedule to do both.*
- Can I take a Cambridge course, even though I don't think I will go for the AICE diploma?
  - *Yes, you can.*

# College admissions readers are looking for:

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1. Strong course rigor across the board (AICE, AP, IB, and then DE as enhancement)
  2. Strong performance (A, B) in those rigorous courses, and
  3. Strong ACT/SAT test scores
- Once a candidate has ticked those boxes, then they are typically looking at the other holistic qualities that comprise the student profile (extra-curricular, volunteerism, etc.)

# AP/AICE English Courses



## Literacy Department

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- AICE General Paper
- AICE Language AS
- AICE Literature
- AP Language
- AP Literature

## AICE Cambridge General Paper

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- AICE General Paper is an interdisciplinary course
- Students earn a high school English Credit and college credit
- Works well as a standalone course or as scaffolding to other advanced level coursework
- Involves deep analysis, critical thinking, research and evidence-based argumentation

What students say:

“Gen Paper is different from other English courses because it involves using current events to help you write better while also helping you to stay up to date on what's going on in the world. This class actually helps me with AP Human Geography and AICE Thinking Skills too because both of these classes can involve FRQs (Free response questions) and Gen Paper has helped me to write in a more concise way while still offering all the information I need in my answer.”

## AICE Cambridge English Language AS

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- AICE English Language AS is a course that examines fiction and nonfiction textual form and their unique elements
- Students earn a high school English credit and a language credit for the AICE diploma, as well as potential college credit
- Traditionally taken after AICE General Paper
- Students write papers that analyze text as well as papers that emulate text

What students say:

“I’m very glad I chose to take AICE Lang. I feel like the class educates its students in such a creative matter. We are able to develop reading and writing skills efficiently through the great textbook activities and the intellectual class discussions. I never feel behind or overwhelmed in this class, even though it is challenging. The content is designed very well.”



# AP English Language and Composition

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- AP English Language is a nonfiction-based course that challenges students to think and argue critically and constructively
- Successful students earn high school and college credit
- This course is designed for deep thinkers with high-level reading and writing skills
- Develops real world rhetorical analysis and delivery skills
- The three-hour exam is comprised of a multiple-choice section and three essays

What students say:

“My favorite aspect of AP Lang is our discussions, I find that they're a great way to exercise our knowledge of rhetoric and also an opportunity to understand the varying perspectives on the pieces we read.”

“I like that AP Lang provides many resources and material for students, both in the textbook and in AP classroom videos and practice. This allows us to explore rhetoric and the choices an author makes.”

## AICE Cambridge English Literature AS

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- Students study a range of texts in the three main forms: prose, poetry and drama. Set texts are offered from a wide range of different periods and cultures.
- Successful students earn high school English credit, AICE Diploma humanities credit, and college credit.
- Students develop skills of reading and analysis of texts, and are encouraged to undertake wider reading to aid understanding of the texts studied, while learning the skills of effective and appropriate communication including the ability to discuss the critical context of texts.

What students say:

“In AICE Lit., time is spent on analyzing and having in depth discussions about the content. The curriculum for AICE Lit. is centered around a play and a novel, so we have to know all of the elements of those works. Having less works means more analysis and truly knowing the work as well as how it situates with other texts of its kind.”

## AP English Literature

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- Advanced Placement Literature and Composition is a challenging course designed to prepare students for collegiate levels of critical thinking, writing, and discussion. The ideal student is one who enjoys literature and wants to delve more deeply into literary analysis
- Successful students earn high school and college credit
- Students will read a variety of Short Fiction, Novels, Poetry, and Drama from a wide range of genres and time periods (16th - 21st Century)

What students say:

My favorite aspect of AP Literature is being able to spend time reading and analyzing classic literature such as *Hamlet* and *The Catcher in the Rye*. This facilitates discussions on the elements of fiction and how they relate to life. The course is fast paced, which allows us to cover as much content as possible in the curriculum.”

# AP/AICE Science Courses



# AP Chemistry

- College Course equivalent of general chemistry (1<sup>st</sup> year of college)
- Prerequisites- Chemistry 1 and Algebra 2
- Components of AP Score
  - MC- 60 questions-50% score
  - FRQ-7 questions-50% score
- Big Ideas: Atomic Structure, Molecular & Ionic Structure, IMFs, Chemical Reactions, Kinetics, Thermodynamics, Equilibrium, Acids & Bases, Applications of Thermodynamics

# AP Physics

- College Course equivalent of general physics (1<sup>st</sup> year of college)
- Prerequisites- Chemistry 1, Physics Honors, Geometry Honors and Algebra 2
- Components of AP Score
  - MC- 50 questions-50% score
  - FRQ-5 questions-50% score
- Big Ideas: Kinematics, Dynamics, Circular Motion & Gravitation, Energy, Momentum, Simple Harmonic Motion, Torque and Rotational Motion, Electric Charge and Force, DC Circuits, Mechanical Waves & Sound

# AICE Environmental Management

- **Format**
  - Two papers
  - 50% Paper 1-Principles of Environmental Management
  - 50% Paper 2-Management in Context
- **Course Topics**
  - Environmental research and data collection
  - Population management
  - Ecosystems & biodiversity
  - Managing resources, water supplies, atmosphere, and climate change
  - Darwin-Dana-Daly Theory of Atoll Formation
- **Students need to be**
  - Independent learners
  - Strong reading comprehension skills and critical thinking skills
  - Be able to apply their knowledge to new scenarios
  - Students need to be proficient in writing
- **College level course**

# AICE Marine Science

## Format

- Two papers
- 60% Paper 1-Conceptual (1.5 hours)
- 40% Paper 2-Data Analysis (1hr 15 mins)

## Course Topics

- Physical/Chemical Oceanography
- Energy Transfer- Nutrient Cycle, Predator/Prey Relationships, Trophic Levels
- Ocean Geography
- Darwin-Dana-Daly Theory of Atoll Formation

## Students need to be

- Independent learners
- Strong reading comprehension skills and critical thinking skills
- Be able to apply their knowledge to new scenarios
- Students need to be proficient in writing

## College level course



AP Biology  
AP Capstone and  
AICE Global  
Perspectives



# AP Biology–Mrs. Coyne

## ▶ Components of AP Score

- 60 MC questions (50%)
- 2 long response and 4 short response questions (50%)

## ▶ Big Ideas

- Evolution
- Energetics
- Information and Storage Transmission
- Systems Interactions

## ▶ Course Objectives

- Scientific Investigation
- Conceptual Analysis
- Analysis of Model or Visual Representation
- Analysis of Data

\*AP Biology is a rigorous fast-moving course designed to be the equivalent to college biology for majors

# AP Seminar & Research (Capstone)

## ▶ Objectives

- Engage students in a cross-curricular approach
- Learn to collect and analyze information
- Build independent, critical thinkers
- Develop presentation skills

## ▶ Capstone

- **AP Seminar and Research Certificate:** Awarded to any student who scores a 3 or above in both the Seminar and Research
- **AP Capstone Diploma:** Awarded to any student who scores a 3 or above in both the Seminar and Research as well as scoring a 3 or above on any additional 4 AP exams.

# Components of AP Score– Seminar

## ▶ **Team Component (20%)**

- **1,200 Word Individual Research Paper**
- **8-10 Minute Team Presentation and Oral Defense (3-4 students)**

## ▶ **Individual Research Based Essay and Presentation (35%)**

- **2,000 Word Individual Written Essay**
- **6-8 Minute Individual Multi-Media Presentation**
- **2 Question Oral Defense**

## ▶ **Written Exam: (45%)**

- **Three Short-Answer Questions**
  - **Argument comprehension and analysis – one source**
- **One essay question**
  - **Synthesizing and creating an evidence-based argument – four sources (varying perspectives on one theme)**

# Components of AP Score– Research

## ▶ Academic Paper (75%)

- 4,000–5,000 word paper
- Based upon scholarly research and independent research

## ▶ Presentation and Oral Defense (25%)

- 15–20 minute presentation of research question, research methodology and findings
- 3–4 oral defense questions

# AICE Global Perspectives

## ▶ Objectives

- Learn skills not content
- Learn to think critically in order to deconstruct arguments
- Learn to apply logical approach to decision making
- Learn to analyze and assess the context of arguments
- Learn to organize information and communicate effectively

## ▶ Required Course

- Must earn a passing Cambridge score to receive a Cambridge diploma

# Components of Global Perspectives Score

- ▶ **Component 1 – 1 ½ hour exam**
  - Students will answer questions based upon 2 sources (30%)
- ▶ **Component 2 – Individual Project**
  - 1750–2000 word paper based upon a global issue (35%)
- ▶ **Component 3 – Team project**
  - Students identify a local problem which has a global relevance (35%)
  - Each team member will give an 8–minute presentation
  - Each team member will write an 800–word reflection

# AP/AICE Social Studies Courses





# An Introduction to the Advanced Placement Program®

Advanced Academics Night

Cooper City High School

# What We'll Cover

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- What are Advanced Placement® Courses?
- The Benefits
- AP® Exams

We believe access to rigorous course work such as Advanced Placement® (AP®) plays an important role in that success.

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# Our AP<sup>®</sup> Courses

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- **History and Social Sciences Classes offered at Cooper City High School**
  - Human Geography (9<sup>th</sup> Grade)
  - World History Modern (10<sup>th</sup> Grade)
  - United States History (11<sup>th</sup> Grade)
  - Psychology (11<sup>th</sup> or 12<sup>th</sup> Grade)
  - United States Government and Economics (12<sup>th</sup> Grade)

# AP<sup>®</sup> at Cooper City

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- ▶ AP Courses carry a quality point of “6”
- ▶ Some AP Courses will have summer work required
- ▶ Most AP courses will have study sessions available to the student to prepare for the exam in May

# AP<sup>®</sup>: The Benefits

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- Students learn rigorous college-level content and skills
- Taking AP is valued in the college admission process
- AP courses are interesting and rewarding academic experiences
- Opportunity to earn valuable credit and placement in college



# AP<sup>®</sup> from the College Admissions Perspective

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- 85% of selective colleges and universities report that a student's AP experience favorably impacts admission decisions\*
  - Colleges rank grades in college-preparatory courses and strength of curriculum as the two top factors in the admission decision
  - AP courses tell college admission officials that students are challenging themselves and preparing for the rigors they'll encounter in their college careers
- *\*Unpublished institutional research, Crux Research Inc., March 2007*

# AP<sup>®</sup>: Skills & Advantages that Last a Lifetime

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- Taking an AP course helps students build critical thinking skills, confidence, and the essential time management and study skills needed for college success
- Nationally, research shows that students who score a 3 or higher on an AP Exam typically earn higher grade point averages in college and have higher graduation rates than their non-AP peers\*

\*2009, The College Board, "The Relationship Between AP Exam Performance and College Outcomes"



- Exams are typically 2-3 hours and include:
  - Multiple-choice questions (generally based on skill or stimulus)
  - Free-response items such as essays, document-based questions and shorter targeted responses.



## AP<sup>®</sup> Myths & Realities


Myth	Reality
AP courses are for students who always get good grades.	AP courses are for any students who are academically prepared and motivated to take college-level courses.
AP courses are too stressful.	It's no secret that AP courses are challenging. But the support you receive from your classmates and teachers can help you manage the work load.
I don't think I will score high enough on the AP Exam to get college credit.	You don't need to score a 5. Many colleges grant credit – and placement as well – based on a 3 or higher on an AP Exam.
Taking AP courses could hurt my GPA.	AP courses have our highest quality point of 6. Dual-enrollment courses also have a quality point of 6. Taking AP courses shows colleges that you're willing to challenge yourself academically.
I can't take AP because no one has recommended me.	If you think you're ready to take an AP course, then you're ready to advocate for yourself – just talk to a teacher or counselor.

# ADVANCED ACADEMIC NIGHT -2021

SOCIAL STUDIES – AICE CAMBRIDGE  
CLASSES

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# THE AICE DIPLOMA

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- ▶ WHEN CONSIDERING THE AICE DIPLOMA, THE AICE SOCIAL STUDIES COURSES CAN FULFILL EITHER THE HUMANITIES CATEGORY OR THE "OTHER" CATEGORY.
- ▶ WE WILL BE OFFERING THREE AICE SOCIAL COURSES NEXT YEAR – THEY ARE:
  - ▶ EUROPEAN HISTORY - AS LEVEL
  - ▶ EUROPEAN HISTORY – A LEVEL
  - ▶ SOCIOLOGY, AS LEVEL



# AICE HISTORY – AS LEVEL

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- ▶ **AICE EUROPEAN HISTORY – MODERN EUROPE: 1750-1921**
  - ▶ FRANCE (1774-1814) – THE FRENCH REVOLUTION & NAPOLEON BONAPARTE
  - ▶ THE INDUSTRIAL REVOLUTION IN BRITAIN (1750-1850)
  - ▶ LIBERALISM & NATIONALISM IN GERMANY (1815-1871)
  - ▶ THE RUSSIAN REVOLUTION (1894–1921)



# AICE EUROPEAN HISTORY – A LEVEL THE NEXT STEP FOLLOWING AS EUROPEAN 54


- ▶ THE ORIGINS OF THE FIRST WORLD WAR
- ▶ THE HOLOCAUST
- ▶ THE ORIGINS AND DEVELOPMENT OF THE COLD WAR
  
- ▶ **THEN STUDENT'S WILL CHOOSE ONE OF THE FOLLOWING FOR THEIR IN-DEPTH STUDY**
- ▶ MUSSOLINI'S ITALY: 1919-1941
- ▶ STALIN'S RUSSIA: 1924-1941
- ▶ HITLER'S GERMANY: 1929-1941
- ▶ BRITAIN, 1919-1939



# AICE SOCIOLOGY – AS LEVEL

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## ▶ AICE SOCIOLOGY

- ▶ Socialization
  - ▶ Identity
  - ▶ Methods of Research
  - ▶ The Family
- 



# THE CAMBRIDGE APPROACH TO SOCIAL STUDIES

56

- ▶ NARROW THE TOPICS DOWN SO THAT THE STUDENT IS ABLE TO FOCUS ON JUST SEVERAL TOPICS
- ▶ THIS THEN ALLOWS THE STUDENT TO 'DIVE' DEEPER INTO THE CONTENT – BECOMING ALMOST A 'SUBJECT AREA EXPERT'
- ▶ IN ADDITION TO LEARNING CONTENT, THE STUDENT WILL BE LEARNING WRITING SKILLS – SPECIFIC TO THE CAMBRIDGE ESSAY REQUIREMENTS
- ▶ LEARNING THE WRITING SKILLS IS KEY TO PASSING THE CAMBRIDGE EXAMINATION SINCE ALL OF THE TESTING FOR THESE COURSES IS DONE THROUGH WRITING ESSAYS (OR PAPERS, AS THEY CALL THEM).

**THERE ARE NO MULTIPLE-CHOICE QUESTIONS ON THEIR FINAL EXAM**





# THE CAMBRIDGE EXAMINATION

57

- ▶ THE CAMBRIDGE EXAMINATIONS FOR BOTH EUROPEAN HISTORY AND SOCIOLOGY ARE 2-DAY EXAMS. THE STUDENTS WILL BE WRITING ESSAYS ON BOTH DAYS.
- ▶ EACH COURSE HAS A SLIGHTLY DIFFERENT BREAK-DOWN ON WHICH COMPONENT IS TO BE WRITTEN ON EACH DAY, AND THIS WILL BE EXPLAINED TO THE STUDENT AT THE BEGINNING OF THE COURSE.
- ▶ PASSING SCORES RANGE FROM: A (highest possible) TO E (lowest possible), a U score is a non-passing score.



# THE CAMBRIDGE STUDENT

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- ▶ THE STUDENT THAT TAKES A CAMBRIDGE SOCIAL STUDIES COURSE SHOULD UNDERSTAND THAT THEY WILL BE EXPECTED TO:
  - ▶ LEARN THE CONTENT FULLY
  - ▶ LEARN TO WRITE ESSAYS – UTILIZING VARYING WRITING STYLES – AND WRITE FREQUENTLY
  - ▶ WORK RESPONSIBLY
  - ▶ WORK INDEPENDENTLY
  - ▶ DO ADDITIONAL RESEARCH

# AP Math Courses

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- AP Calculus AB    AP Calculus BC
- AP Statistics

AP Exams will cover the full content in each course, giving students the opportunity to receive college credit.

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**AP Calculus** Equivalent to a first-semester college calculus course AB and the subsequent single-variable calculus course BC.

**AP Statistics** Equivalent to a one-semester, introductory, non-calculus-based college course in statistics

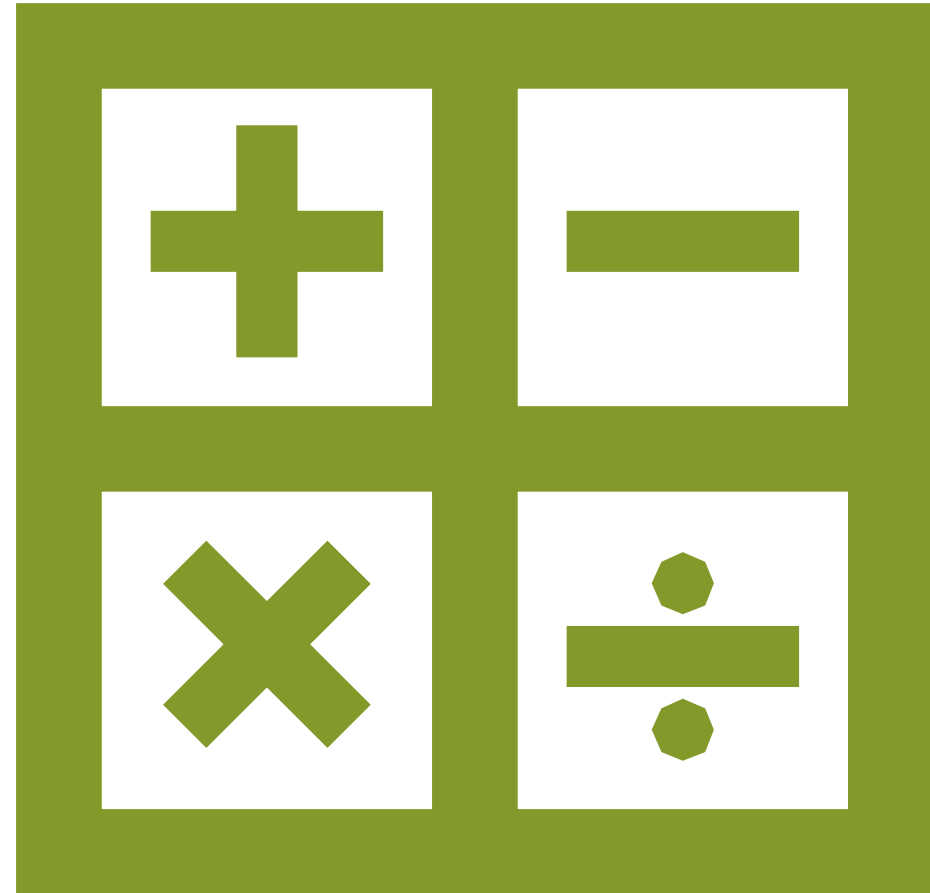
# AP Classroom account for all students

1. AP Daily videos can be assigned alongside topic questions to help you cover all course content
2. Personal progress checks so students can demonstrate their knowledge and skills unit by unit
3. AP practice exams in the AP Classroom question bank and encourage students to take advantage of live online review sessions April

AP Calculus AB and AP Calculus BC Exam Format is given in May each year.

Course content:

- **Limits and Continuity**
- **Differentiation including contextual, analytical, and real-world applications**
- **Integration including applications**
- **BC Parametric Equations, Polar Coordinates, and Vector-Valued Functions**
- **BC Infinite Sequences and Series**



**AP  
Calculus  
AB and  
BC Exam  
Duration:  
3hrs  
15mins**

- **Section 1: Multiple Choice 50%**
- Questions include analytical, graphical, tabular, and verbal types of representations.
- **Section 2: Free Response 50%**
- Questions include various types of functions and function representations and an equal mix of procedural and conceptual tasks.
- Questions include at least 2 questions that incorporate a real-world context or scenario into the question.

# • Student Expectations

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- **Firm understanding of** algebraic, exponential, logarithmic, trigonometric, and general types of functions.
- You should understand the properties of linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise-defined functions
- You should know how to graph these functions and solve equations involving them.
- Using correct notation, language, and mathematical conventions to communicate results or solutions. Justifying reasoning and solutions.
- Understand the theoretical basis and solve problems by applying your knowledge and skills.
- Homework every other day for 30-60 minutes



# AP Statistics Exam Format given in May each year

- **Course Content**
  - Exploring one and two-variable data
  - Collecting data and Sampling Distributions
  - Probability, Random Variables, and Probability Distributions
  - Inference for categorical data (proportions and chi-square)
  - Inference for quantitative data (means and slopes)

# Student Expectations

- A second-year course in algebra
- Using correct notation, language, and mathematical conventions to communicate results or solutions.  
Justifying reasoning and solutions.
- Understand the theoretical basis and solve problems by applying your knowledge and skills.
- Homework every other day for 30-60 minutes

# AP Statistics Exam Duration: 3hrs

- **Section 1: Multiple Choice 50%**
  - Questions include your understanding of content from all units of study
- **Section 2: Free Response 50%**
  - This section will test your skill in communicating explanations or justifications using evidence from data, definitions, or statistical inference.
  - Six questions, including one investigative task, with written answers.

# AP and AICE Spanish

DEPARTMENT OF

**WORLD**  
**Languages**



A globe composed of numerous small, colorful national flags is held gently by two brown hands. The background is a dark blue world map. The text "Advanced World Language Courses" is overlaid in white on the globe.

# Advanced World Language Courses

# AP Spanish language

- Taken after Spanish 4 honors with teacher recommendation OR if student scores high enough on the placement exam.
- Course is taught completely in Spanish.
- Goal is to improve proficiency across the three modes of communication by using authentic resources that provide a diverse learning experience.
- **Themes covered:** las identidades personales y publicas, la ciencia y la tecnología, las familias y las comunidades, la belleza y la estética, los desafíos globales, la vida contemporánea

Exam  
format:

<b>Question Type</b>	<b>Number of Questions</b>	<b>Exam Weighting</b>	<b>Timing</b>
<b>Part A: Multiple-choice questions</b>	<b>30</b>	<b>23%</b>	<b>40 minutes</b>
Interpretive Communication: Print texts			
<b>Part B: Multiple-choice questions</b>	<b>35</b>	<b>27%</b>	<b>55 minutes</b>
Interpretive Communication: Print and audio texts combined and audio texts			
<b>Free-response questions</b>	<b>4</b>	<b>50%</b>	<b>88 minutes</b>
Question 1: Email Reply		12.5%	15 minutes
Question 2: Argumentative Essay		12.5%	55 minutes
Question 3: Conversation		12.5%	18 minutes
Question 4: Cultural Comparison		12.5%	

## AP Spanish literature

- Taken after AP Spanish language/AICE Spanish first language with teacher recommendation OR if student scores high enough on the placement exam.
- Course is taught completely in Spanish.
- Students explore short stories, novels, plays, poetry, etc. from Spain, Latin America, and U.S. Hispanic authors. (38 in total)
- Students will learn to analyze and interpret literary texts, compare texts and determine how themes are developed within those texts, develop effective arguments when analyzing a text, and use accurate language in literary analysis.
- Students will read literature from the following time periods: La época medieval, El siglo XVI, El siglo XVII, La literatura romántica, realista y naturalista, La generación del 98 y el Modernismo, Teatro y Poesía del siglo XX, El boom latinoamericano, y escritores contemporáneas de Estados Unidos y España.



Exam  
format:

Section		Questions	Final Score	Time
<b>Section I: Multiple Choice</b>			<b>50%</b>	<b>Approx. 80 minutes</b>
Part A	Interpretive Listening	15 questions	10%	Approx. 20 minutes
Part B	Reading Analysis	50 questions	40%	Approx. 60 minutes
<b>Section II: Free Response</b>				<b>Approx. 100 minutes</b>
Short Answers: Text Explanation		1 prompt	7.5%	Suggested time: 15 minutes
Short Answers: Text and Art Comparison		1 prompt	7.5%	Suggested time: 15 minutes
Essay: Analysis of Single Text		1 prompt	17.5%	Suggested time: 35 minutes
Essay: Text Comparison		1 prompt	17.5%	Suggested time: 35 minutes

# AICE Spanish – First Language

- Taken after Spanish Speakers 2 with teacher recommendation OR if student scores high enough on the placement exam.
- Course aims to: form a sound base of skills, language and attitudes required for further study, work and leisure, develop insights into the culture and civilization of the countries where the language is spoken, including the study of literary texts where appropriate, and support intellectual and personal development by promoting learning and social skills.

Human relationships

Family

Generation gap

Young people

Patterns of daily life

Urban and rural life

The media

Food and drink

Law and order

Philosophy and belief

Health and fitness

Work and leisure

Equality of opportunity

Employment and unemployment

- Sport

- Free time activities

- Travel and tourism

- Education

- Cultural life/heritage

- War and peace

- Social and economic development

- Scientific and medical advancement

- Technological innovation

- Environment

- Conservation

- Pollution

- Contemporary aspects of the culture where the language is spoken

# Exam format

	Component 1 Speaking Test		Component 2 Reading and Writing		Component 3 Essay		Component 4 Texts	
	duration	weighting	duration	weighting	duration	weighting	duration	weighting
<b>A Level</b> (compulsory Speaking Test <sup>1</sup> )	20 mins	20%	1 hour 45 mins	35%	1 hour 30 mins	15%	2 hours 30 mins	30%
<b>A Level Afrikaans</b> (optional Speaking Test <sup>2</sup> )	20 mins	none	1 hour 45 mins	45%	1 hour 30 mins	20%	2 hours 30 mins	35%
<b>AS Language</b> (compulsory Speaking Test <sup>1</sup> )	20 mins	29%	1 hour 45 mins	50%	1 hour 30 mins	21%	–	–
<b>AS Language Afrikaans</b> (optional Speaking Test <sup>2</sup> )	20 mins	none	1 hour 45 mins	70%	1 hour 30 mins	30%	–	–
<b>AS First Language</b>	–	–	1 hour 45 mins	50%	–	–	2 hours 30 mins	50%
<b>AS Literature</b>	–	–	–	–	–	–	2 hours 30 mins	100%

# Seal of Biliteracy

## Criteria for Eligibility:

Beginning with the 2016-2017 school year, the Gold Seal of Biliteracy or the Silver Seal of Biliteracy shall be awarded to a high school student who has earned a standard high school diploma and who has satisfied one of the following criteria for eligibility:

### **Silver Seal of Biliteracy.**

- A. Has earned four (4) World Language course credits in the same language with a cumulative 3.0 grade point average or higher on a 4.0 scale (unweighted) in these courses;
- B. Has earned a score on any of the examinations found on the attached assessments chart at the level indicated;
- C. For languages which are not tested on the nationally recognized examinations, demonstrated language proficiency through maintenance of a portfolio of language performance at the Intermediate mid-level or higher based on the American Council On The Teaching Of Foreign Languages (ACTFL) Proficiency Guidelines 2012 in the modes of communication appropriate for that language.

### **Gold Seal of Biliteracy.**

- A. Has earned four (4) World Language course credits in the same language with a cumulative 3.0 grade point average or higher on a 4.0 scale (unweighted) and Level 4 or higher on the Grade 10 English Language Arts (ELA) Florida Standards Assessment (FSA);
- B. Has earned a score on any of the examinations found on the attached assessments chart at the level indicated.
- C. For languages which are not tested on the nationally recognized examinations, demonstrated language proficiency through maintenance of a portfolio of language performance at the Advanced Low level or higher based on the ACTFL Proficiency Guidelines 2012 in the modes of communication appropriate for that language.

# Seal of Biliteracy cont'd

## **Criteria for the award of credit:**

A high school student who did not enroll in, or complete, world language courses, shall be awarded four (4) world language high school course credits, upon attaining at least the minimum score or performance level on the examinations required for the Silver Seal.

World Language credits earned through the Seal of Biliteracy are noted on the student's transcript with a grade of "SB". These credits are accepted towards the world language requirement for Florida's State University System, the Bright Futures Scholarship Program and the State's Scholar Diploma Designation; however, the new "SB" grades do not factor into their respective GPA calculations. As the NCAA does not allow for students to "test out" of any portion of a course, these credits are not able to apply towards athletic eligibility requirements.

# AP and AICE Fine Arts



# ADVANCED ACADEMICS — FINE ARTS DEPT.

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AP DRAWING + 2  
DIMENSIONAL DESIGN  
Instructor: Irma Barr

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PREREQUISITES: Drawing 1 + Drawing 2 [or a combination of Drawing 1 + 2D design]

DESCRIPTION: Students will use the course of the year to create a project-based portfolio based on a Sustained Investigation of pieces. The Sustained Investigation of 15 pieces, Selected Works of 5 taken from the Sustained investigation, and a short writing component are how the portfolio are scored by the College Board Readers

AICE DRAMA  
Instructor: Lucia Deus

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PREREQUISITES: For AS level - none, For A-Level, AS must be completed

DESCRIPTION: Encourages students to explore a range of practical and theoretical approaches to drama from script to performance. The course focuses more on the staging of the plays rather than the study of texts. Learners will develop an understanding and enjoyment of drama, developing group and individual Theater skills and studying ways to communicate ideas and feelings to an audience.

AICE MEDIA STUDIES  
Instructor: Natalie Flaten

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PREREQUISITES: Film 1 and Film 2

DESCRIPTION: Students will work throughout the year completing 2 main components: Foundations Portfolio that journals their research, planning, and creating of their 2-minute film opening, and understanding media concepts and contexts, as well as analysing media products, and evaluating their own work, by applying knowledge and understanding of theoretical and creative approaches, supported with relevant textual evidence.

20—21

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# AP and AICE Computer Science



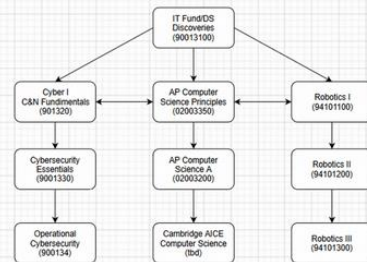


# Computer Science

## About this Program

As part of our course offerings here at Cooper City High we are proud to offer a dizzying array of Computer Science courses to our students. Below you will find a chart of our course progression as well as brief descriptions of the individual courses.

Computer Science Course Flowchart



## Course Descriptions

### Computer Science Discoveries:

A course that will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students will learn through exploration not memorization.

### Robotics I:

Introduces students to electronic circuit design, the engineering design process, and the use of programming to control real world objects. Students will use Arduino Development kits and ESP32s to give their projects Wi-Fi and Bluetooth capabilities.

### Robotics II:

Students expand on what they have learned in Robotics I and learn to program, build and automate robots to complete various tasks and challenges. Students will get to compete against each other in numerous challenges and games. Their robots will navigate mazes, throw balls at each other, pick up and stack cones in timed races, and maybe even do the chicken dance.

### Robotics III:

Students will take their Robotics skills even further, designing and building competition robots using Vex V5 hardware.

### Cambridge International AS Level Computer Science:

Students meet the needs of higher education courses in computer science as well as twenty-first century digital employers. This course encourages leaders to think creatively, through applying practical programming solutions, demonstrating that they are effective users of technology.

### AP Computer Science Principles:

An introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge.

### AP Computer Science A:

AP Computer Science A is a programming class. The course emphasizes object-oriented programming methodology, especially problem solving and algorithm development, plus an overview of data structures and abstraction.

### Computer and Network Security Fundamentals:

This course is designed to allow students to achieve a CompTIA A+ Industry Certification. CompTIA A+ is the industry standard for launching IT careers into today's digital world and is trusted by employers to identify the go-to person in endpoint management & technical support roles. A+ is the only industry recognized credential with performance-based items to prove pros can think on their feet to perform critical IT support tasks in the moment.

### Cybersecurity Essentials:

This course is designed to allow students to achieve a CompTIA Network+ Industry Certification. CompTIA Network+ helps develop a career in IT infrastructure by covering troubleshooting, configuring, and managing networks. This certification validates the hands-on skills needed to work with both wired and wireless networks, and also included are emerging technologies such as unified communications, mobile, cloud, and virtualization technologies.

### #CowboysCode





# Mr. Schultz Video

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# CCHS School Counseling Team

- **Ronald Ziccardi, School Counseling Director**
- **Dominique Joseph, 9<sup>th</sup> Grade Counselor**
- **Kimberly Lilly, 10<sup>th</sup> Grade Counselor**
- **Maritza Baez, 11<sup>th</sup> and 12<sup>th</sup> Grade Counselor (Last Names A-L)**
- **Beatriz Dominguez 11<sup>th</sup> and 12<sup>th</sup> Grade Counselor (Last Names M-Z)**
- **Sheila Bravo, 504 Counselor (Grades 9-12<sup>th</sup>)**
- **Christine Siwek, BRACE Advisor**

Thank you!

