

CLEARWATER HIGH SCHOOL



2023-2024 COURSE REQUEST GUIDE

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CHS - PROJECTED COURSE OPTIONS FOR 2023-2024

Core Academic Courses:

ENGLISH	MATH	SCIENCE	SOCIAL STUDIES
English 1 AICE General Paper English 2 AICE English Language 1 English 3 AP English Language AICE English Language 2 English 4 College Prep AP English Literature AICE English Literature 1 AICE English Literature 2	Algebra 1A Algebra 1 Geometry Pre-AICE Math 2 (Geo Hon) Math for College Liberal Arts Algebra 2 Pre-AICE Math 3 (Alg 2 Hon) Math for Data & Financial Literacy Probability & Statistics AP Statistics Pre-Calculus AP Calculus AB AP Calculus BC	Aerospace Science 1, 2 & 3 Earth Space Science Biology Pre-AICE Biology Chemistry Pre-AICE Chemistry Physical Science Earth Space Science Honors Environmental Science Anatomy & Physiology AP Physics AICE Chemistry AICE Environmental AICE Marine Science AP/AICE Biology (double block)	Global Studies/US Gov Hon (CAICC 9 th) US Gov Hon/AP Gov (AICE 9 th) World History AICE European History US History AICE US History US Government AP Government and Politics Economics AP Micro/Macro Economics AICE Economics

Electives organized by Academies:

Students can select electives from ANY or ALL academies but the electives they identify as their priority on their course request form will determine which academy they are assigned.

BLIS Academy Academy of <i>Business, Leadership, & International Studies</i> <i>(includes CAICC & JROTC)</i>	FAME Academy Academy of <i>Fine Arts & Media Education</i>	SHARE Academy Academy of <i>Sports, Hospitality, Recreation & Education</i>	STEAM Academy Academy of <i>Science, Technology, Engineering, Aerospace, & Math</i> <i>(includes CASA)</i>
<p>LEADERSHIP: JROTC (Marine Corps) 1, 2, 3, 4</p> <p>CAICC REQUIRED ELECTIVES: Digital Info Tech (Microsoft) - 9th Int. Business Systems (CAICC 10th) Accounting (CAICC 11th) Int. Finance & Law (CAICC 12th)</p> <p>INTERNATIONAL STUDIES: *Law Studies *Court Procedures AP Human Geography AICE Global Perspectives</p> <p>FOREIGN LANGUAGE: Spanish 1, 2, 3, 4 AP Spanish AICE Spanish</p> <p>MARKETING ED: OJT – On the Job Training (11th & 12th grade students only) Students who have met their academic requirements, have at least a 2.0 unweighted GPA and are officially employed have the option to select OJT. One class period will be a marketing course and then the student will select 6th and/or 7th period as “off campus” working period(s).</p>	<p>ART: *Creating 2D Art *Creating 3D Art 2D Studio Art 1, 2, 3 3D Studio Art 1, 2, 3 Fine Craft Studio Art Pre-AICE Art & Design AICE Art & Design Creative Photography (Adobe) 1, 2 Portfolio Development: 2D Hon Portfolio Development: 3D Hon AP Studio Art 2D AP Studio Art 3D</p> <p>CHORUS/BAND: Chorus 1, 2, 3, 4 *Music of the World AICE Music *Music Tech & Sound Engineering *Music & Computers (DE) Band 3, 4, 5, 6 Orchestra (strings) 1, 2, 3, 4 Keyboard/ Piano 1, 2, 3 Music Theory 1, 2, 3 AP Music Theory</p> <p>DRAMA: Theater 1, 2 AICE Drama (Adv Theatre 3, 4) Tech Theatre Design & Prod 1, 2, 3</p> <p>MEDIA: TV Production 1, 2, 3, 4 AICE Media Studies 1, 2</p>	<p>PHYSICAL EDUCATION: HOPE *Team Sports 1, 2 *Basketball 1, 2 *Personal Fitness (Yoga) *Comp. Fitness (Pilates) *Tennis *Weight Training 1, 2, 3 *Sports Officiating *Sports Marketing *Sports Medicine Water Safety – Lifeguarding *Health 1, 2</p> <p>HOSPITALITY: Intro to Hospitality & Tourism AICE Travel & Tourism</p> <p>CIVIL RIGHTS: CHS Freedom Ambassadors 1, 2</p> <p>EDUCATION: *Exploration of Ed Profession (DE) *Foundations of Education (DE)</p>	<p>TECHNOLOGY: Digital Info Tech (Microsoft) Digital Design 1, 2, 3 Comp Sci Principles (programming) AP Computer Sci Principles AICE Computer Science</p> <p>OTHER: Woodshop 1, 2, 3, 4 *Psychology AICE Sociology AICE Psychology AICE Thinking Skills *Driver’s Education</p> <p>CASA - CLEARWATER AERONAUTICAL SPACE ACADEMY Aerospace Tech 1, 2, 3 *Prin. of Aeronautical Sci (DE) *Unmanned Aircraft Systems (DE) *Prin. Management (DE) Avionic Systems 1, 2</p>
<p>COLLEGE & CAREER READINESS</p> <p>All students should consider these courses regardless of their Academy</p> <p style="text-align: center;">AVID 2, 3, 4 *Semantics (SAT/ACT Prep) *The College Experience (DE) *Principles of Management (DE)</p>			

KEY:
 * = a semester long course. All other courses are full year CAICC = Available to students enrolled in the CAICC Program DE = Dual Enrollment

CHS STANDARD / TRADITIONAL GRADUATION CHECKLIST

STATE OF FLORIDA REQUIREMENTS FOR HIGH SCHOOL GRADUATION
FOR STUDENT ENTERING HIGH SCHOOL IN 2019-2020 AND BEYOND



FULFILLING THE REQUIREMENTS BELOW WILL RESULT IN A 24 CREDIT - STANDARD DIPLOMA

ENGLISH (4 CREDITS)

- ENGLISH #1
- ENGLISH #2
- ENGLISH #3
- ENGLISH #4

MATHEMATICS (4 CREDITS)

- ALGEBRA I
- GEOMETRY
- MATH CREDIT #3
- MATH CREDIT #4

SCIENCE (3 CREDITS) TWO OF WHICH MUST HAVE A LABORATORY COMPONENT

- BIOLOGY
- SCIENCE CREDIT #2
- SCIENCE CREDIT #3

SOCIAL STUDIES (3 CREDITS)

- WORLD HISTORY
- U.S. HISTORY
- ECONOMICS (ONE SEMESTER)
- U.S. GOVERNMENT (ONE SEMESTER)

PERFORMING, FINE OR PRACTICAL ARTS (1 CREDIT)

- ART, BAND, DRAMA, CHORUS, DIGITAL INFO TECH, WOODSHOP, ETC.

PHYSICAL EDUCATION (1 CREDIT)

- HOPE.

ELECTIVES (8 CREDITS) *IF THE STUDENT IS ENROLLED IN THE CAICC PROGRAM 4 OF THESE ELECTIVES WILL COME FROM THE PROGRAM REQUIREMENTS — 1 EACH YEAR*****

ONLINE LEARNING

- AT LEAST ONE COURSE WITHIN THE 24 CREDIT PROGRAM MUST BE EARNED THROUGH ONLINE LEARNING.
***NOTE: IF YOU EARNED THE MICROSOFT OFFICE BUNDLE THROUGH THE DIGITAL INFO TECH COURSE THEN YOU HAVE MET THE ONLINE REQUIREMENT.**

STATE ASSESSMENTS

- PASSING SCORE ON GRADE 10 FSA ELA OR EQUIVALENT
- PASSING SCORE ON ALGEBRA 1 EOC OR EQUIVALENT

GRADE POINT AVERAGE (MUST BE 2.0 OR ABOVE)

- GPA
-



DISTRICT AND SCHOOL EXPECTATION (SUCCESSFULLY COMPLETE AT LEAST ONE BELOW):

ALL STUDENT WILL GRADUATE WITH A COLLEGE AND/OR CAREER ACCELERATION OPTION:

- EARNED AN INDUSTRY CERTIFICATION (EX: MICROSOFT OFFICE BUNDLE)
 - EARNED A PASSING SCORE ON AM AICE OR AP EXAM
 - PASSED A DUAL ENROLLMENT CLASS WITH A C OR BETTER
-



UNIVERSITY ADMISSIONS / BRIGHT FUTURES REQUIREMENTS:

IN ADDITION TO THE STANDARD HIGH SCHOOL CORE GRADUATION REQUIREMENTS, UNIVERSITIES ADMISSIONS AND BRIGHT FUTURES ALSO REQUIRE 2 CREDITS OF A WORLD LANGUAGE. THE 2 CREDITS MUST BE IN THE SAME LANGUAGE.

- WORLD LANGUAGE CREDIT #1
 - WORLD LANGUAGE CREDIT #2
-



18 CREDIT ACCEL OPTION — STANDARD DIPLOMA

ALL GRADUATION REQUIREMENTS REMAIN THE SAME EXCEPT:

- 3 ELECTIVE CREDITS INSTEAD OF 8
- PHYSICAL EDUCATION (HOPE) IS NOT REQUIRED
- ONLINE COURSE IS NOT REQUIRED

STANDARD / TRADITIONAL COURSE SEQUENCE

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	English 1 or AICE General Paper	English 2 or AICE General Paper or AICE English Language (AS Level)	English 3 or AP English Language or AICE English Language (AS or A) or AICE Literature (AS)	English 4 or AP English Literature (AS or A level) or AICE English Literature (AS or A level)
MATH	Algebra 1 A or Algebra 1 or Geo (standard or Pre AICE) or Alg 2 (standard or Pre-AICE)	Algebra 1 or Geo (standard or Pre-AICE) or Math for College Liberal Arts or Alg 2 (standard or Pre-AICE) or Math for Data & Financial Literacy or Precalculus	Geometry or Math for College Liberal Arts or Algebra 2 or Math for Data & Financial Literacy or Probability & Statistics or Precalculus or AP Calculus AB or AP Statistics	Math for College Liberal Arts or Algebra 2 or Math for Data & Financial Literacy or Probability & Statistics or Precalculus or AP Calculus AB or Calculus BC or AP Statistic
SCIENCE	Earth Space Sci or Aerospace Sci or Pre-AICE Biology	Biology or Chem (standard or Pre-AICE) or Your choice – based on what is offered if you already successfully completed Biology	Your choice – based on what is offered if you already successfully completed Biology	Your choice – based on what is offered if you already successfully completed Biology
SOCIAL STUDIES	Global Studies / US Gov (CAICC only) Note: most Freshman will not take a Social Studies in 9 th grade	World History or AICE European History	US History or AICE US History	US Gov or AP Gov & Economics, AP Micro/Macro or AICE Economics
CAICC ELECTIVE	Digital Info Tech or Business Software Apps (if students took DIT in middle school)	International Business Systems	Accounting or ACG2021 at SPC	International Finance and Law
*CAICC electives are only required for students accepted and enrolled in the CAICC (Career Academy for International Culture and Commerce) program				
WORLD LANGUAGE	World Language is not a requirement for graduation from high school, but 2 credits are required for admission to a 4 year university and the Bright Futures Scholarship. (credits must be in the same language)			
OTHER REQUIRED COURSES	<p>Performing, Fine or Practical Arts (1 credit) - Examples would be Art, Band, Drama, Chorus, Digital Info Tech, Woodshop, Etc.</p> <p>HOPE - Health Opportunities through Physical Education (1 Credit) - *Note: 2 years of NJROTC or approved CHS sport may award a waiver for HOPE</p> <p>Online Learning (1 course). Course can be ½ credit or full credit depending on the full length of the course - At least one course within the 24-credit diploma program must be earned through online learning. *Note: If you earned the <u>Microsoft Office Bundle</u> through the Digital Info Tech course then you have met the Online Requirement.</p> <p>College and/or Career Acceleration: - The district and school expectation is that all student will graduate with a College and/or Career Acceleration option. This is accomplished by either earning an Industry Certification (ex: Microsoft Office Bundle) or earning a passing score on an AICE or AP exam or passing a Dual Enrollment class with a C or better.</p>			
18 CREDIT ACCEL OPTION	<p>All Graduation Requirements above remain the same except:</p> <ul style="list-style-type: none"> - 3 electives instead of 8 - HOPE is not required - Online course is not required 			

CHS AICE CURRICULUM GRADUATION CHECKLIST

A STUDENT WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING AICE COURSE REQUIREMENTS WILL RECEIVE A STANDARD HIGH SCHOOL DIPLOMA:



FULFILLING THE REQUIREMENTS BELOW WILL RESULT IN A 24 CREDIT - STANDARD DIPLOMA

ENGLISH (4 CREDITS)

- AICE GENERAL PAPER
- AICE ENGLISH LANG AS
- AICE ENGLISH LIT AS
- AICE ENGLISH LANG OR LIT AL

MATHEMATICS (4 CREDITS)

- ALGEBRA I
- PRE-AICE MATH 2 (GEO HON)
- PRE-AICE MATH 3 (ALG 2 HON)
- MATH CREDIT #4

SCIENCE (4 CREDITS)

- PRE-AICE BIOLOGY
- PRE-AICE CHEMISTRY
- AICE SCIENCE CREDIT #3
- AICE SCIENCE CREDIT #4

SOCIAL STUDIES (4 CREDITS)

- US Gov HON / AP Gov
- AICE EURO HISTORY
- AICE US HISTORY
- AICE OR AP ECON

GLOBAL PERSPECTIVES (1 CREDIT)

- AICE GLOBAL PERSPECTIVES

FOREIGN LANGUAGE (3 CREDITS)

- FOREIGN LANGUAGE #1
- FOREIGN LANGUAGE #2
- FOREIGN LANGUAGE #3

ADV. ELECTIVES - AP / AICE / DUAL – (3 CREDITS)

- ADVANCED ELECTIVE #1
- ADVANCED ELECTIVE #2
- ADVANCED ELECTIVE #3

ELECTIVES – (1 CREDIT)

- ELECTIVE # 1

STATE ASSESSMENTS

- PASSING SCORE ON GRADE 10 FSA ELA OR EQUIVALENT
- PASSING SCORE ON ALGEBRA 1 EOC OR EQUIVALENT

GRADE POINT AVERAGE (MUST BE 2.0 OR ABOVE)

- GPA
-



DISTRICT AND SCHOOL EXPECTATION (SUCCESSFULLY COMPLETE AT LEAST ONE BELOW):

ALL STUDENT WILL GRADUATE WITH A COLLEGE AND/OR CAREER ACCELERATION OPTION:

- EARNED AN INDUSTRY CERTIFICATION (EX: MICROSOFT OFFICE BUNDLE)
 - EARNED A PASSING SCORE ON AN AICE OR AP EXAM
 - PASSED A DUAL ENROLLMENT CLASS WITH A C OR BETTER
-



WHAT IS THE DIFFERENCE BETWEEN THE AICE CURRICULUM AND THE AICE DIPLOMA:

AICE CURRICULUM – SATISFYING THE AICE CURRICULUM REQUIRES COMPLETION OF ALL THE COURSEWORK LISTED ABOVE. SUCCESSFUL COMPLETION OF THESE ITEMS WILL RESULT IN A STANDARD CHS / STATE OF FLORIDA HIGH SCHOOL DIPLOMA.

AICE DIPLOMA – THIS IS AN ADDITIONAL DIPLOMA THAT CAN BE EARNED BY SUCCESSFUL COMPLETION OF 7 EXAM CREDITS, WITHIN THE DESIGNATED GROUPS, OVER A MAXIMUM OF 3 YEARS. ADVANCED SUBSIDIARY (AS) LEVEL COURSES ARE ONE-YEAR CLASSES. A PASSED EXAMINATION FOR AN AS-LEVEL COURSE COUNTS FOR ONE CREDIT TOWARD AN AICE DIPLOMA. ADVANCED (A) LEVEL COURSES ARE TWO-YEAR CLASSES. A PASSED EXAMINATION FOR AN A-LEVEL COUNTS FOR TWO CREDITS TOWARD AN AICE DIPLOMA. STUDENTS CAN USE 7 DIFFERENT AS-LEVEL COURSES OR USE A MIXTURE OF AS-LEVEL AND A-LEVEL COURSES TO MEET THE REQUIREMENTS FOR THE AICE DIPLOMA.

AICE CURRICULUM COURSE SEQUENCE

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
ENGLISH	AICE General Paper	AICE English Language (AS Level)	AICE English Language (A Level) or AICE English Literature (AS Level)	AICE English Literature (AS Level) or AICE English Literature (A level)
MATH	Pre-AICE Math 2 or Pre-AICE Math 3	Pre-AICE Math 3 or Pre-Calc	Pre-Calc or AP Calc AB or AP Stat	AP Calc AB/BC or AP Stat
SCIENCE	Pre-AICE Biology	Pre-AICE Chemistry	AICE Chemistry or AICE Environmental or AICE Marine Science	AICE Biology or AICE Chemistry or AICE Environmental or AICE Marine Science
SOCIAL STUDIES	US Gov Hon / AP Govt	AICE European History	AICE US History	AICE Economics
WORLD LANGUAGE	AICE Curriculum requires students to earn at least 3 Foreign Language Credits			
ELECTIVE	<u>2 credits</u> Recommend 1 art credit	<u>2 credits</u> AICE Thinking Skills AICE Art & Design AICE Psychology AICE Travel and Tourism AICE Sociology (AP electives)	<u>2 credits (1 needs to be *)</u> AICE Thinking Skills AICE Art & Design AICE Psychology AICE Global Perspectives* AICE Travel and Tourism AICE Sociology AICE Media Studies AICE Drama AICE Music (AP electives)	<u>2 credits</u> AICE Thinking Skills AICE Art & Design AICE Psychology AICE Travel and Tourism AICE Sociology AICE Media Studies AICE Drama AICE Music (AP electives)

EARNING AN AICE DIPLOMA

To earn an AICE diploma, students must pass seven credits worth of AS or A Level examinations. At least one examination must come from each of the three subject groups: Mathematics and Sciences, Languages, and Arts & Humanities. One credit must come from "Core" which is AS Global Perspectives course.

Core: Global Perspectives

- AS Global Perspectives & Research

Group 1: Mathematics & Science

- AS Biology
- AS Chemistry
- AS Environmental Management
- AS Marine Science
- AS Psychology

Group 2: Languages

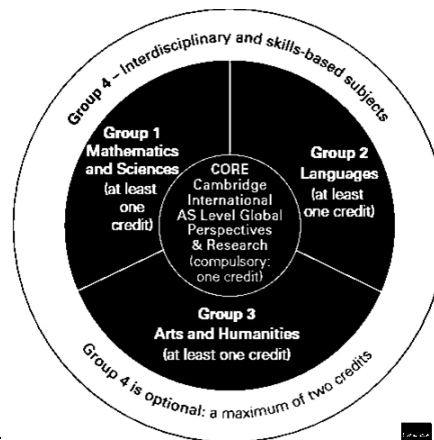
- AS/A English Language
- AS Spanish Language

Group 3: Arts & Humanities

- AS & AL Art & Design
- AS Economics
- AS/A English Literature
- AS/A History
- AS/A Media Studies
- AS Psychology
- AS Sociology
- AS Travel and Tourism
- AS Drama
- AS Music

Group 4: Interdisciplinary & Skills Based (optional)

- AS Thinking Skills
- AS General Paper



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.

ACADEMIC COURSE DESCRIPTIONS

Students are expected / encouraged to take 1 course from each Academic area (English, Math, Science and Social Studies) each school year even if they have already met the minimum requirements for high school. The minimum to get a high school diploma is not necessarily the minimum needed to be accepted and prepared for your goals.

ENGLISH / LANGUAGE ARTS

English 1, 2, & 4

Prerequisites: All English courses are taken in sequential order.

Grades: 9th, 10th, 12th

Length: one-year each

The purpose of these courses is to provide English students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The content should include, but not be limited to, the following: active reading of varied texts for what they say explicitly, as well as the logical inferences that can be drawn, analysis of literature and informational texts from varied literary periods to examine: text craft and structure, elements of literature, arguments and claims supported by textual evidence, power and impact of language, influence of history, culture, and setting on language, personal critical and aesthetic response, writing for varied purposes such as: developing and supporting argumentative claims, crafting coherent, supported informative/expository texts, responding to literature for personal and analytical purposes, writing narratives to develop real or imagined events, writing to sources using text-based evidence and reasoning; effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim in multimedia presentations, class discussions, and extended text discussions; collaboration amongst peers.

AICE English General Paper AS Level

Prerequisite: It is recommended that 9th grade students have earned a level 3 - 5 on their 8th grades FSA ELA, all other grades levels may request the course regardless of their FSA ELA level, teacher recommendation and/or AVID support suggested. This course also serves as the standard 11th grade English course. Only administrative exceptions can be exempt from this course as a Junior.

Grades: 9th – 12th

Length: year-long

Students in General Paper gain knowledge and understanding of contemporary issues within national and international contexts through reading and writing in three broad topic areas: economic, historical, moral, political and social science, including its history, philosophy, ethics, general principles and applications; environmental issues; and literature, language, the arts, crafts, and the media.

AICE English Language 1 (AS) and 2 (A) Level

Prerequisite: Level 3-5 on the FSA ELA, teacher recommendation, previous AICE course experience, and/or AVID support suggested. Students must have completed the AS level or are concurrently enrolled in the AS level, to request the A level.

Grades: 10th - 12th

Length: year-long

Successful English Language learners develop an understanding of a wide variety of different texts, both written and spoken. They gain awareness of how language works in different ways, for different purposes and for different audiences. In addition, they gain skills for life, including: the ability to appreciate how different texts are shaped by their language and style, skills in creating their own imaginative and persuasive writing for different purposes and audiences, skills in researching, selecting and shaping information from different sources, the ability to analyze and compare written and spoken texts in close detail

AICE English Literature 1 (AS) and 1 (A) Level

Prerequisite: Level 3-5 on the FSA ELA, teacher recommendation, previous AICE course experience, and/or AVID support suggested. Students must have completed the AS level or are concurrently enrolled in the AS level, to request the A level.

Grades: 11th – 12th

Length: year-long

Students enrolled in AICE Literature will read a selection of Poetry, Prose, and Drama written in English throughout the English-speaking world. Two compulsory papers will be administered at the end of the school year assessing student knowledge and understanding of the texts they have read and studied in class (papers 3 and 4). Students will gain: an appreciation of and informed personal response to literature in English in a range of texts in different forms, and from different periods and cultures, the interdependent skills of reading, analysis, effective and appropriate communication, a wider reading of Literature and an understanding of how it contributes to personal development.

AP English Language and Composition

Prerequisite: Level 3-5 on the FSA ELA Recommended

Grades: 10th – 12th

Length: year-long

The purpose of the AP English Language and Composition course is to enable students to read and understand complex texts, and to write prose of sufficient richness and complexity to communicate effectively with mature readers. AP English Language and Composition engages students in becoming skilled readers of prose, conducting rhetorical analysis, and becoming skilled writers who compose for a variety of purposes. Both students' writing and reading tasks should make students aware of writer's purpose, audience expectations, subjects, and genre conventions. Students will engage in varied writing tasks, becoming acquainted with a wide variety of prose styles from many disciplines and historical periods. AP Language and Composition may take the place of the English III requirement. AP courses involve higher levels of complexity, greater depth, and more reading and writing than traditional courses.

AP English Literature and Composition

Prerequisite: Level 3-5 on the FSA ELA Recommended

Grades: 11th - 12th

Length: year-long

AP English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and please to their readers. As they read, students consider a work's structure, style, themes, figurative language, imagery, symbolism, and tone. Reading in an AP course is both wide and deep. This reading builds upon and complements the reading done in previous English courses, so that by the time students complete the course, they will have read works from several genres and periods – from the 16th to the 21st century. Writing is an integral part of the AP English Literature and Composition course and exam. Writing assignments focus on analytical and argumentative essays. AP Literature and Composition may take the place of the English IV requirement. AP courses involve higher levels of complexity, greater depth, and more reading and writing than traditional courses.

READING

Reading for College Success

Prerequisite: None – students are automatically placed by based on FSA reading score

Grades: 9th – 12th

Length: one- year

These courses are designed to offer students a personalized approach to increase their Reading Lexile scores, reach proficiency on the FSA ELA, and/or achieve a concordant score on the ACT or SAT test. In levels 1 and 2, students will prepare for the Spring administration of the FSA ELA; while levels 3 and 4 students will focus on FSA retakes and achieving concordant scores required to meet graduation requirements.

MATHEMATICS

Algebra 1A

Prerequisite: None – student who score a level 1 or 2 on the 8th grade FSA Mathematics test.

Grades: 9th

Length: year-long

Algebra 1A is designed to present the fundamentals of Algebra. The course covers the real number system, variables, expressions, properties of real numbers, solving and analyzing linear equations, graphs and functions, and analyzing linear inequalities. Each topic will be practiced using models, tables, graphs, and algebraic methods. Emphasis will be placed using algebraic concepts to solve applied problems. This course will prepare the student to take and pass the Alg 1 course and EOC the following year. * Note: This course counts as a full credit but for high school graduation. For NCAA eligibility it only counts as .5 credit toward the mathematics requirement. In addition, this course does not satisfy the Bright Futures mathematic requirement.

Algebra 1

Prerequisite: Advanced math taken in the 8th grade, passing score on the 8th grade FSA Mathematics test

Grades: 9th

Length: year-long

The purpose of this course is to provide the foundation for more advanced mathematics courses and to develop the algebra skills needed to solve real-world and mathematical problems. Topics shall include, but not be limited to, sets, ratios, proportions, radical expressions, variables, the real number system, equations and inequalities, integral exponents, polynomials, factoring, irrational numbers, quadratic equations, Venn diagrams, coordinate geometry, problem solving strategies, and literacy strategies. At the completion all students will take the state mandated FSA Algebra 1 exam. Obtaining an achievement level of 3, 4, or 5 on the Algebra End-Of-Course (EOC) assessment is required for graduation.

Geometry

Prerequisite: Algebra 1 or its equivalent and/or a passing score on the Alg. 1 EOC.

Grades: 9th – 11th

Length: year-long

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. Topics shall include, but not be limited to logic, equivalent propositions, Euclidean Geometry, direct and indirect proofs, constructions, lines, polygons, transformations, quadrilaterals, triangles, circles, polyhedral, spheres, trigonometric ratios, problem solving strategies and literacy strategies. Students are required to take the Geometry EOC Examination.

Pre-AICE Math 2 (equivalent to Geometry honors)

Prerequisite: Algebra 1 and/or a passing score on the Algebra 1 EOC

Grades: 9th - 10th

Length: year-long

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school standards. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Math for College Liberal Arts

Prerequisite: Alg 1 and Geometry

Grades: 10th– 11th

Length: year-long

In Mathematics for College Liberal Arts, instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

Algebra 2

Prerequisite: Algebra 1 or its equivalent, passing score on the Alg. 1 EOC

Grades: 10th – 12th

Length: year-long

The purpose of this course is to study algebraic topics in-depth with emphasis on theory, proof, and development of formulas and their applications. Topics shall include but not be limited to complex numbers, functions, equations and inequalities, absolute value, direct, inverse and joint variation, systems of equations and inequalities, parabolas, quadratic equations, powers, roots, exponents and logarithms, polynomial equations and inequalities, Binomial Theorem, radical expressions, non-linear systems of equations, conic sections, sigma notation, arithmetic and geometric sequences, equations of circles, real-world applications, problem solving strategies and literacy strategies.

Pre-AICE Math 3 (equivalent to Algebra 2 honors)

Prerequisite: Geometry and/or a passing score on the Geometry EOC

Grades: 9th – 11th

Length: year-long

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Math for Data & Financial Literacy

Prerequisite: Geometry / Pre-AICE Math 2 and/or passing of the Geometry EOC

Grades: 11th – 12th

Length: year-long

In Mathematics for Data and Financial Literacy, instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

Probability and Statistics Honors

Prerequisite: Algebra 2 or Pre-AICE Math 3

Grades: 11th – 12th

Length: year-long

The purpose of this course is to introduce students to concepts relating to experimental design and data analysis. The course is a mixture of lecture and hands-on learning. Some topics covered are probability, how to choose a representative sample, how to design an experiment, and how to test a hypothesis. This course is important because almost every degree path in college requires at least one statistics course. This course will help ready you for that course and show you that math can be fun.

AP Statistics

Prerequisite: Algebra 2 or Pre-AICE Math 3

Grades: 11th – 12th

Length: year-long

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

AP Pre-Calculus

Prerequisite: Algebra 2 or Pre-AICE Math 3

Grades: 11th – 12th

Length: year-long

The purpose of this course is to emphasize the study of functions and other skills necessary for the study of calculus. Topics shall include but not be limited to polynomial, rational, trigonometric/circular functions, arithmetic and geometric series, concepts of limits, vectors, conic sections, polar coordinate systems, mathematical induction, parametric equations, complex numbers, real-world applications, problem solving strategies and literacy strategies.

AP Calculus AB

Prerequisite: Pre-calculus

Grades: 11th - 12th

Length: year-long

Most of the year must be devoted to topics in differential and integral calculus. Students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. Students must also understand the language of functions.

AP Calculus BC

Prerequisite: AP Calculus AB

Grades: 11th - 12th

Length: year-long

Designed as a follow-up course for students who demonstrate proficiency in AP Calculus AB to further develop their skills in preparation for advance college coursework in mathematics.

SCIENCE

Aerospace Technologies 1, 2, & 3

Prerequisites: Course are taken in sequential order

Grades: 9th - 12th

Length: one-year each

These courses provide students with a beginning, intermediate and advanced understanding of the knowledge, human relations, and technological skills found today in Aerospace Technologies.

Earth Space Science

Prerequisite: None

Grades: 9th

Length: one-year

The Earth and Space Science course is an introductory course on the study of our planet and our solar system. It will focus on geologic structures and forces, the waters on our planet, how atmospheric forces shape our world, and the history of life on our planet. Students will also learn about scientific inquiry, the solar system, and space exploration.

Biology

Prerequisite: Earth Space Science

Grades: 10th

Length: one-year

Biology is a course dedicated to the study of living things and their processes. Students will explore numerous topics ranging from cell biology to ecology. This is an introductory course that touches the surface, but hopefully creates excitement and curiosity for taking more challenging courses in the future. Throughout the year students will develop processing skills through reading/writing and learn investigative skills through labs. Students will take the Biology End-of-Course exam, which will be factored into their overall final grade for the course. This course is a requirement for high school graduation.

Pre-AICE Biology

Prerequisite: Earth Space Science or its equivalent, 8th grade advanced science, or passing score on the 8th grade FSA Science test.

Grades: 9th – 10th

Length: one-year

Pre-AICE Biology course provides a thorough survey of the biological sciences with the specific aim for students to develop skills that are relevant to the study and practice of Biology. This course is designed to foster skills that encourage a systematic approach to problem solving and effective communication through the language of science. Pre-AICE Biology is an honors-level course that offers a more detailed and accelerated approach to the content. Lab activities ranging from traditional life science explorations to original experimental design are a routine part of the course. The lab component presents the opportunity for students to practice scientific inquiry and become familiarized with a variety of lab equipment and practices.

Chemistry

Prerequisite: Algebra 1, Biology or its equivalent

Grades: 10th - 12th

Length: one-year

Chemistry is the study of the structure and composition of matter, the changes that matter undergoes and the mechanisms behind those changes. This class acts as an introduction to the field of chemistry and covers topics such as, Atomic Structure, the Periodic Table, Chemical Reactions and Bonding, Solutions, Acids and Bases, and Stoichiometry.

Pre-AICE Chemistry

Prerequisite: Algebra 1, Biology or its equivalent, passing score on the Biology EOC

Grades: 10th - 12th

Length: one-year

Learners gain an understanding of the basic principles of Chemistry through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential for further study and skills which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

Physical Science

Prerequisite: Biology or its equivalent.

Grades: 10th - 12th

Length: one-year

Physical science is the study of the physical world around you. The class provides an introduction to both basic chemistry and basic physics. Some topics of study include the study of matter, chemical reactions, solutions, motion, forces, and electromagnetism.

Earth Space Science (H)

Prerequisite: Biology or its equivalent

Grades: 10th – 12th

Length: one-year

While the content focus of this course is consistent with the Earth/Space Science course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work.

Environmental Science

Prerequisite: Biology or its equivalent

Grades: 10th - 12th

Length: one-year

Environmental Science is a year-long course designed to show connections between a variety of science disciplines including biology, chemistry, and physics. It gives students a logical and realistic look at a variety of scientific concepts that we can identify as we observe our environment. During this course, students will cover topics such as, Ecosystems, Mineral and Energy Resources, Human population and Our Health and Our Future. The aim of this course to increase students' knowledge of the environmental challenges of today, while continuing to cultivate scientific critical thinking skills.

Marine Science 1 (H)

Prerequisite: Biology or its equivalent

Grades: 10th - 12th

Length: one-year

While the content focus of this course is consistent with the Marine Science I course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Human Anatomy and Physiology

Prerequisite: Biology and recommended Chemistry

Grades: 10th - 12th

Length: one-year

Human Anatomy and Physiology is a course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body, anatomical terminology and how major body systems work, along with the impact of diseases on certain systems.

AICE Chemistry

Prerequisite: Successful completion of pre-AICE Chemistry.

Grades: 11th - 12th

Length: one-year

The AICE Chemistry course is designed to stimulate an interest in chemistry and understand its relevance to society. The course will give students a thorough introduction to the study of chemistry and its scientific methods. Students will develop an understanding of scientific facts, laws, definitions, concepts, and theories related to chemistry as well as scientific vocabulary, instruments and apparatus used in chemistry. Students will be able to take information gained in the class and solve problems related to chemistry using oral, written, symbolic, graphical, and numerical formats. The course will also place a specific emphasis on lab skills and investigations.

AICE Environmental Management

Prerequisite: Biology or its equivalent

Grades: 10th - 12th

Length: one-year

AICE Environmental Management develops scientific knowledge and understanding of global environmental issues and theories, and of the policies and strategies for managing the environment. The course covers the sustainable use and management of resources, and strategies that aim to protect environments. Learners will interpret and analyses data and do investigative work. Case studies allow teachers to choose their own examples to investigate, which may be local, regional or global.

AICE Marine Science

Prerequisite: Biology or its equivalent

Grades: 10th- 12th

Length: one-year

AICE Marine Science provides a coherent and stimulating introduction to the science of the marine environment. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts. Practical activities will underpin the teaching of the whole course. Science is a practical subject and research suggests that success in future scientific study, or a scientific career, requires good practical skills. Marine Science can form part of an ideal subject combination for learners who want to study Marine Biology or Environmental Science at university or to follow a career in shipping, fisheries, tourism or aquaculture.

AP / AICE Biology

Prerequisite: Level 3-5 on the FSA ELA is recommended, passing score on the Biology EOC and teacher recommendation.

Grades: 11th and 12th

Length: year-long double block (2 periods per day)

AP/AICE Biology includes the main concepts which are fundamental to biology, starting with cell theory and macromolecules and ending with the human immune system. This includes current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a practical examination. AP/AICE Biology is ideal for learners who want to study biology or a wide variety of related subjects at university or to follow a career in science.

SOCIAL STUDIES

Global Studies / United States Government Honors

Prerequisite: Admission to the CAICC program

Grades: 9th

Length: semester each paired together for full year

The primary content emphasis for Global Studies pertains to the study of the commonalities and differences among the peoples and cultures of the world and the complex nature of individual, group and national interactions in today's world. Content should include, but is not limited to, global interdependence and challenges, culture, international systems and policies, pluralism, transnationalism, and cultural diffusion, global economics, and human-environment interactions. The second semester the class will change over to United States Government Honors. The US Government course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

AP US Government and Politics / AP Comparative Government

Prerequisite: Admission to the AICE program

Grades: 9th

Length: semester each paired together for full year

The US Government course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process. The second semester the course will change to AP US Government. AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

World History

Prerequisite: None

Grades: 10th

Length: one-year

The World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

AICE European History

Prerequisite: Level 3-5 on the FSA ELA suggested

Grades: 10th

Length: year-long

Cambridge International History is a flexible and wide-ranging syllabus covering modern history in the nineteenth and twentieth centuries. The syllabus develops lifelong skills including understanding issues and themes within a historical period. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies.

United States History

Prerequisite: None

Grades: 11th

Length: one-year

The United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.

AICE US History

Prerequisite: World History or its equivalent, level 3-5 on the FSA ELA suggested

Grades: 11th

Length: year-long

Cambridge International History is a flexible and wide-ranging syllabus covering modern history in the nineteenth and twentieth centuries. The syllabus develops lifelong skills including understanding issues and themes within a historical period. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies.

United States Government

Prerequisite: None

Grades: 12th

Length: semester

The US Government course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

AP US Government & Politics

Prerequisite: None

Grades: 12th

Length: semester

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

Economics with Financial Literacy

Prerequisite: None

Grades: 12th

Length: semester

The Economics course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

AICE Economics

Prerequisite: Level 3-5 on the FSA ELA suggested

Grades: 12th

Length: year-long

The key concepts which run through the study of economics are set out below. These key concepts can help teachers think about how to approach their teaching in order to encourage learners to make links between topics and develop a deep overall understanding of the subject. Topics of study include: Scarcity and choice, Equilibrium and efficiency, Progress and development, The margin and change, Regulation and equity.

AP Macroeconomics / AP Microeconomics

Prerequisite: Level 3-5 on the FSA ELA suggested

Grades: 12th

Length: semester each paired together for a year-long class

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies. The other semester the class will change into AP Microeconomics. AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

ELECTIVE COURSE DESCRIPTIONS

The electives below are organized by Academies. Students can select courses from ANY and/or ALL academies. The Academy you are assigned to will be determined based on what you list as a priority when selecting your electives. On your course selection form you will identify which electives you want and organize them in priority order.

******* BLIS ACADEMY ELECTIVES ******* Academy of Business, Leadership, & International Studies

LEADERSHIP

JROTC 1, 2, 3 & 4

Prerequisite: None but courses are taken in sequential order

Grades: 9th - 12th

Length: year-long

Marine Corp leadership training course; The purpose of this course is to enable students to develop a broad range of basic skills and knowledge, with opportunities for total development in leadership. This course further enables students to develop positive attitudes, good citizenship, and patriotism through character-building activities.

CAICC PROGRAM - REQUIRED ELECTIVES

Digital Information Technology or Business Software Applications

Prerequisite: admission to the CAICC program

Grades: 9th

Length: year-long

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. Students that successfully completed this course in middle school will be placed in Business Software Applications to work on achieving additional certifications.

International Business Systems

Prerequisite: admission to the CAICC program

Grades: 10th

Length: year-long

This course is designed to prepare students to live and work in a global economy. Students develop an understanding of business principles, management styles, economics, and customs which affect business systems in the international environment.

Accounting Applications

Prerequisite: admission to the CAICC program

Grades: 11th

Length: year-long

This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required.

International Finance and Law

Prerequisite: admission to the CAICC program

Grades: 12th

Length: year-long

This course is designed to introduce students to the laws and regulations governing international trade including knowledge of import-export activities, banking, treaties, and currency exchange rates.

INTERNATIONAL STUDIES

Law Studies

Prerequisite: None

Grades: 9th - 12th

Length: semester

The Law Studies course consists of the following content area strands: American History, World History, Geography, Humanities, Economics, and Civics and Government. The primary content for the course pertains to the study of the American legal system as the foundation of American society by examining those laws which have an impact on citizens' lives and an introduction to fundamental civil and criminal justice procedures. Content should include, but is not limited to, the need for law, the basis for our legal system, civil and criminal law, adult and juvenile courts, family and consumer law, causes and consequences of crime, individual rights and responsibilities, and career opportunities in the legal system.

Court Procedures

Prerequisite: None

Grades: 9th - 12th

Length: semester

This course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content for the course pertains to the study of the structure, processes and procedures of the judicial systems of the United States and Florida. Content should include, but not be limited to, the structure, processes and procedures of county, circuit and federal courts, civil and criminal procedures, juvenile law, the rights of the accused, evolution of court procedures, comparative legal systems, and career choices in the judicial system.

AP Human Geography

Prerequisite: None. Level 3-5 on FSA suggested

Grades: 9th - 12th

Length: year-long

AP Human focuses on social, economic, political, cultural and human-environment processes and patterns and how they change over space and time. The course aims to engender a critical geographical perspective on the past, present and future development of the social world.

AICE Global Perspectives

Prerequisite: None

Grades: Typically taken in 11th – required class for students attempting to earn the AICE Diploma

Length: year-long

This syllabus is firmly based on skills rather than specific content. Through the study of a range of global issues, learners will explore different and sometimes opposing perspectives. Recognizing these perspectives will help to nurture a climate of cross-cultural awareness and promote cultural agility. Through well-defined stages, called the Critical Path, learners will be encouraged to apply a logical approach to thinking and reasoning. By following this path, they will be able to analyze the structure and context of arguments, assess the impact and limitations of evidence and make well-reasoned judgments. Learners will build skills in organizing and communicating their findings in appropriate multimedia formats.

FOREIGN LANGUAGE

Spanish 1

Prerequisite: None

None Grades: 9th – 12th

Length: one-year

This course is designed to emphasize speaking and listening skills with oral participation. Reading and writing are introduced, and basic grammar structures explained. Students will be introduced to the culture and customs of various Spanish-speaking countries. Native speakers may not enroll in level 1.

Spanish 2

Prerequisite: Spanish 1

Grades: 9th – 12th

Length: one-year

This course is designed and recommended for the student who has successfully completed Spanish 1. This course is designed for the student to continue to develop skills in listening and speaking. Conversation in the target language is stressed. Reading and writing will be further developed through expanded vocabulary and more complex grammatical structures. Culture, history and geography will be studied in greater depth. Native speakers may not enroll in level 1.

Spanish 3 Honors

Prerequisite: Spanish 2, beginning level of study for native speakers

Grades: 9th – 12th

Length: one-year

This course is designed to continue to develop skills in listening and speaking. Conversation is stressed. Reading and writing will be further developed through expanded vocabulary and more complex grammatical structures. Culture, history and geography will be studied in greater depth. Opportunities for enjoyment of the customs, ideas and heritage will increase.

Spanish 4 Honors

Prerequisite: Spanish 3 Honors or recommendation from teacher

Grades: 9th – 12th

Length: one-year

This course is designed for students to pursue fluency in the language. Emphasis is on advanced language structures, idiomatic expressions and conversational skills. The students will study the cultural aspects that influence the Spanish view of the world.

AP Spanish Language

Prerequisite: Successful completion of at least Spanish 3 or recommendation from teacher

Grades: 9th – 12th

Length: year-long

The program involves in-depth practice of language skills for those students at a more advanced level. The course is taught at a college level and will help prepare students for the AP test given at the end of the school year. Based on the AP test scores, college credit may be awarded by participating colleges and universities.

AICE Spanish AS Level

Prerequisite: Successful completion of at least Spanish 3 or recommendation from teacher

Grades: 9th – 12th

Length: year-long

The Cambridge International AS Level Spanish syllabus enables learners to achieve greater fluency, accuracy and confidence in the language as it is spoken and written and improve their communication skills. They will learn how to improve their use of Spanish in a variety of situations, understanding how to read texts and other source materials, extract information, initiate conversations and respond to questions both orally and in writing.

MARKETING (OJT)

Marketing Essentials and OJT (On the Job Training)

Prerequisite: Must have at least a 2.0, be on track to graduate and be employed

Grades: 11th - 12th

Length: year-long

Students who have met their academic requirements and are employed have the option to select OJT. 5th period will be a marketing essentials class and then the student will select 6th and/or 7th period as a working period(s). For 6th and/or 7th period, elective credit is earned even though student will be off campus.

◆◆◆◆◆ **FAME ACADEMY ELECTIVES** ◆◆◆◆◆

Academy of Fine Arts & Media Education

ART

Creating 2D Art

Prerequisite: None

Grades: 9th - 12th

Length: semester

Students investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. This course incorporates hands-on activities and consumption of art materials.

Creating 3D Art

Prerequisite: None

Grades: 9th - 12th

Length: semester

Students in Creating Three-Dimensional Art, investigate a wide range of media and techniques, from both an historical and contemporary perspective, as they engage in the art-making processes of creating 3-D artworks, which may include sculpture, assemblage, and/or ceramics. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st-century skills. This course incorporates hands-on activities and consumption of art materials.

2D Studio Art 1, 2 & 3

Prerequisite: None but courses are taken in sequential order

Grades: 9th - 12th

Length: year-long

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

3D Studio Art 1, 2 & 3

Prerequisite: None but courses are taken in sequential order

Grades: 9th - 12th

Length: year-long

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Fine Craft Studio Art

Prerequisite: Successful completion of at least 1 high school art class

Grades: 10th - 12th

Length: year-long

Students create well-designed work that is utilitarian, purposeful, wearable, and/or sculptural in nature. This course may include, but is not limited to, content in metals, jewelry, glass, fabrics/fibers, clay, fashion design, and/or objects for interior or architectural design/embellishment. Students develop the language of fine craft through a concentration on fundamental technical skills. Student artisans reflect on aesthetics and visual issues related to fine craft through the use of the structural elements of art and organizational principles of design. Students use analytical and problem-solving skills to improve personal work and that of their peers. Students investigate the significance of Western and non-Western cultures related to understanding the art role in global culture and informing creative choices in media and design. This course incorporates hands-on activities and consumption of art materials.

Pre-AICE Art and Design

Prerequisite: None but student should already have a passion and ability in art

Grades: 9th - 12th

Length: year-long

The Pre-AICE Art and Design course syllabus aims to encourage a personal response by stimulating imagination, sensitivity, conceptual thinking, powers of observation and analytical ability. Students work to develop technical skills in two and three-dimensional forms and composition and are able to identify and solve problems in visual and tactile forms. They also learn how to develop ideas from initial attempts to final solutions while building an awareness of the role played by the visual arts in society and in history, broadening cultural horizons and individual experience.

AICE Art and Design

Prerequisite: Successful completion of previous high school art course and/or teacher recommendation

Grades: 11th - 12th

Length: year-long

The course stimulates interest, enjoyment and personal enrichment as well as introducing artistic exploration and design thinking. Successful candidates gain lifelong skills, including: communication skills, especially the ability to communicate concepts and feelings, how to record from direct observation and personal experience; the ability and confidence to experiment, be innovative, intuitive and imaginative; the language and technical terms used in art and design; research and evaluation skills; an appreciation of practical design problems and how to solve them.

Creative Photography 1 & 2 (Adobe)

Prerequisite: Successful completion of at least 1 high school level art course

Grades: 10th - 12th

Length: year-long

Students explore the aesthetic foundations of art making using beginning photography techniques. This course may include, but is not limited to, color and/or black and white photography via digital media and/or traditional photography. Students become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print. Student photographers may use a variety of media and materials, such as 35mm black and white film, single lens reflex camera, digital camera, darkroom, computer application, filters, various papers, digital output, photogram, cyanotypes, Sabatier effect, and pinhole photography. Craftsmanship and quality are reflected in the surface of the prints and the care of the materials. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course also uses programs such as Adobe.

Portfolio Development: 2D Honors

Prerequisite: Teacher Recommendation

Grades: 10th - 12th

Length: year-long

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth.

Portfolio Development: 3D Honors

Prerequisite: Teacher Recommendation

Grades: 9th - 12th

Length: year-long

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in clay, wood, wire, glass, metal, jewelry, fabrics/fibers, fashion design, green design, industrial design, and/or objects for interior design or architecture that integrate 3-dimensional design issues in a purposeful way.

AP Studio Art 2D

Prerequisite: Teacher Recommendation

Grades: 11th - 12th

Length: year-long

AP Art and Design courses address the following learning outcomes: the ability to (1) conduct a sustained investigation through practice, experimentation, and revision, guided by questions; (2) skillfully synthesize materials, processes, and ideas; and (3) articulate, in writing, information about one's work.

AP Studio Art 3D

Prerequisite: Teacher Recommendation

Grades: 11th - 12th

Length: year-long

AP Art and Design courses address the following learning outcomes: the ability to (1) conduct a sustained investigation through practice, experimentation, and revision, guided by questions; (2) skillfully synthesize materials, processes, and ideas; and (3) articulate, in writing, information about one's work.

CHORUS & BAND

Chorus 1, 2, 3 & 4

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

Promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Courses focus on the development of critical listening skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

Music of the World

Prerequisite: None

Grades: 9th - 12th

Length: semester

Students explore the musical traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of music within various cultures (e.g., jazz, world drumming, mariachi, soul, gamelan, Bollywood, digital). Students examine and report on human activities involving music, technology- and culture-related influences on music, and the sounds and structures of music composition. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

AICE Music

Prerequisite: None

Grades: 11th - 12th

Length: year-long

Encourages learners to develop their musical skills in a variety of music styles and traditions and build on their musical interests.

Learners are encouraged to listen, compose and perform with understanding, analysis and confident communication. They learn to become independent and critical thinkers.

Music Technology & Sound Engineering

Prerequisite: None

Grades: 9th - 12th

Length: semester

Students explore the fundamental applications and tools of music technology and sound engineering. As they create and learn its terminology, students also learn the history and aesthetic development of technology used to capture, create, and distribute music.

Music & Computers (Dual Enrollment)

Prerequisite: None

Grades: 11th - 12th

Length: semester

SPC Dual Enrollment (college-level course). Requires Counselor approval. This course will introduce students to the applications of the computer as a tool to facilitate musical creativity. Students will become acquainted with Musical Instrument Digital Interface (MIDI) and digital recording technology through projects in sequencing, performing, notating, and printing their work.

Band 3, 4, 5 & 6

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

Promotes the enjoyment and appreciation of music through performance of high-quality wind and percussion literature from different times and places. Rehearsals focus on the development of critical listening/aural skills; rudimentary instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

Orchestra 1, 2, 3 & 4

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

The purpose of this course is to provide ensemble experiences on orchestral instruments and to develop skills in characteristic tone production, performance techniques, musical literacy and music appreciation. Students study and perform high-quality orchestra literature of diverse times and styles. Rehearsals focus on the development of critical listening skills, rudimentary string techniques, music literacy, ensemble skills, and aesthetic awareness.

Keyboard 1, 2 & 3 (Piano)

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture.

Music Theory

Prerequisite: None

Grades: 9th - 12th

Length: year-long

Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects.

AP Music Theory

Prerequisite: Music Theory or teacher recommendation

Grades: 11th - 12th

Length: year-long

AP Music Theory course corresponds to typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation, listening skills, sight singing, and harmony, are an important part of the course. Students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural listening skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized.

DRAMA

Theatre 1 & 2

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

Promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art.

AICE Drama (Advanced Theatre 3 & 4)

Prerequisite: Theatre 1 & 2

Grades: 11th - 12th

Length: year-long

AICE Drama encourages learners to develop their skills in performing, devising and researching a wide range of theatrical styles and genres. They learn to communicate with an audience through practical and creative work on performance texts and their own devised material, both as individuals and in groups. Underpinned by theoretical and practical study, they learn to research, analyze, create and interpret, and to become skilled, well-informed and reflective theatrical practitioners who enjoy drama.

Technical Theatre Design & Production 1, 2 & 3

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

MEDIA

TV Production 1, 2, 3 & 4

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

School news station--Clearwater Tornado News (CTN); An introduction to the basic principles, procedures, and techniques of television production. The Television Elective course includes video control, special effects, operation of cameras and editing machines, composition, lighting, staging, and directing, on-camera announcing and interviewing.

AICE Media Studies (Yearbook)

Prerequisite: None

Grades: 9th - 12th

Length: year-long

Offers learners the chance to develop an understanding and appreciation of the place of media in our everyday lives. The syllabus enables learners to take a hands-on approach to the subject. They create their own media products from planning through to execution. Learners also consider and analyze examples from existing media, examining production processes and technologies and the effects they achieve.

PHYSICAL EDUCATION

HOPE

Prerequisite: None

Grades: 10th - 12th

Length: Full Year

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will combine the learning of principles and background information in a classroom setting with physical application of the knowledge. A majority of class time will be spent in physical activity. Other course topics include: Mental/social Health, Nutrition & Wellness Planning, Diseases & Disorders and Health Advocacy.

Team Sports 1 & 2

Prerequisite: None

Grades: 9th - 12th

Length: Semester

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

Basketball 1 & 2

Prerequisite: None

Grades: 9th - 12th

Length: Semester

The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in basketball. Introduction to systems of play will be included to enhance the student's understanding. Advanced skills and drills which directly affect student's physical and cognitive abilities will be covered. Students will participate in advanced individual and team techniques in relationship to basketball strategy. Participation in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

Personal Fitness (Yoga)

Prerequisite: None

Grades: 9th - 12th

Length: Semester

Units of instruction may include, but are not limited to, the introduction to kinesiology with the understanding of the body (anatomy and physiology), through personal fitness conditioning (emphasis on yoga), fitness concepts and techniques, cardiorespiratory endurance training and nutrition.

Comprehensive Fitness (Pilates)

Prerequisite: None

Grades: 9th - 12th

Length: Semester

Units of instruction may include, but are not limited to, the introduction to kinesiology with the understanding of the body (anatomy and physiology), through personal fitness conditioning (emphasis on Pilates), fitness concepts and techniques, cardiorespiratory endurance training and nutrition.

Tennis

Prerequisite: None

Grades: 9th - 12th

Length: Semester

The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in tennis. Introduction to the game will be included to enhance the student's understanding. Advanced skills and drills which directly affect student's physical and cognitive abilities will be covered. Participation in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

Weight Training 1, 2, 3, 4

Prerequisite: None

Grades: 9th - 12th

Length: Semester

The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.

Sports Officiating

Prerequisite: None

Grades: 9th - 12th

Length: Semester

In this course, students will learn the rules, game play, and guidelines for a variety of sports, including soccer, baseball, softball, basketball, volleyball, football, and tennis. In addition, they will learn the officiating calls and hand signals for each sport, as well as the role a sport official plays in maintaining fair play.

Sports Marketing

Prerequisite: None

Grades: 9th - 12th

Length: Semester

The purpose of this program is to prepare students for employment or advanced training in the sport, recreation, and entertainment marketing and sales industry. The content includes, but is not limited to, employability skills; selling techniques; public relations and publicity; event planning and execution; and licensing, sponsorship, and endorsements.

Sports Medicine (Care and Prevention of Athletic Injuries)

Prerequisite: None

Grades: 9th - 12th

Length: semester

This course provides a basic overview of the causes and preventions of unintentional injuries, appropriate emergency responses to those injuries and crisis response planning.

Water Safety (Lifeguard Training)

Prerequisite: Must be able to swim 12 laps without stopping, tread for 2 minutes and retrieve a 10lb brick.

Grades: 10th - 12th

Length: year-long

Students will work toward their lifeguard certification, they will get CPR, first aid and lifeguard certified through the American Red Cross. Participants will learn how to perform in and out of water rescues. The class is a lot of fun and very hands on. Students will be doing class activities in school pool on a daily basis.

Health 1 & 2

Prerequisite: None

Grades: 9th - 12th

Length: semester

The purpose of this course is to produce health literate students that make sound decisions and take positive actions for healthy and effective living. The course is wellness oriented and emphasizes responsible decision-making and planning for a healthy lifestyle.

HOSPITALITY & TOURISM

Intro to Hospitality and Tourism

Prerequisite: None

Grades: 9th - 12th

Length: year-long

Orientation to the hospitality industry, its history and magnitude, organization, challenges, and opportunities. Highlights interdependent nature of the public hospitality industry. Overview of the career opportunities within the travel and tourism industries. Includes airlines, cruise lines, tour operators, wholesalers, charter operations, hotel representatives, car rental agencies, tourist offices, meeting and convention planning companies, incentive travel, consolidators, travel agencies, and home-based agents. Specific job titles and necessary skills will be examined.

AICE Travel and Tourism

Prerequisite: None

Grades: 10th - 12th

Length: year-long

Encourages learners to appreciate the scale and importance of the travel and tourism industry in the world and recognize the positive and negative impacts the industry may have on people, environments and economies. Learners discover that the travel and tourism industry is dynamic in nature and how the industry responds to change: for example, external factors such as changing consumer needs and expectations, developments in ICT. The syllabus encourages learners to develop practical and technical skills relevant to the industry, enabling them to deal with a range of complex situations and problems.

CIVIL RIGHTS

CHS Civil Rights Ambassadors

Prerequisite: Teacher recommendation required

Grades: 11th - 12th

Length: year-long

The Civil Rights Ambassador program is a project-based, personalized learning course. This course allows students to research and participate in experiences that will connect them to the impact the Civil Rights movement had in the United States and participate in volunteer opportunities to make a positive impact in the community around us.

----- STEAM ACADEMY ELECTIVES -----

Academy of Science, Technology, Engineering, Aerospace, & Math

TECHNOLOGY

Digital Information Technology

Prerequisite: None

Grades: 9th - 12th

Length: year-long

This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards

Computer Science Principles

Prerequisite: None

Grades: 9th - 12th

Length: year-long

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in.

Digital Design 1, 2 & 3

Prerequisite: Digital Information Technology

Grades: 9th - 12th

Length: year-long

The purpose of this program is to prepare students for employment in the Digital Design industry as Information Technology Assistants, Production Assistants, Digital Assistant Designers, Graphic Designers, and Multimedia Designers.

AP Computer Science Principles

Prerequisite: Digital Information Technology

Grades: 9th - 12th

Length: year-long

AP Computer Science Principles is 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. Students also explain how computing innovations and computing systems—including the internet, work, and explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

AICE Computer Science

Prerequisite: Digital Information Technology

Grades: 9th - 12th

Length: year-long

AICE Computer Science encourages learners to develop an understanding of the fundamental principles of computer science and how computer programs work in a range of contexts. Learners will study topics including information representation, communication and Internet technologies, hardware, software development, and relational database modelling. As they progress, learners will develop their computational thinking and use problem solving to develop computer-based solutions using algorithms and programming languages. Studying Cambridge International AS and A Level Computer Science will help learners develop a range of skills such as thinking creatively, analytically, logically and critically.

OTHER STEAM ELECTIVES

Woodshop 1, 2, 3 & 4

Prerequisite: None but courses are usually taken in sequential order

Grades: 9th - 12th

Length: year-long

Woodshop; This course is focused on physical understanding of materials processing, and the scaling laws that govern process speed, volume, and material quality. In particular, this course will cover the transport of heat and matter as these topics apply to materials processing.

Psychology 1

Prerequisite: None

Grades: 9th - 12th

Length: semester

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.

AICE Psychology

Prerequisite: None – Psychology 1 recommended

Grades: 10th - 12th

Length: year-long

AICE Psychology learners develop their appreciation of the subject by exploring the ways in which psychology is conducted. As part of their studies, learners also review important research; this provides an insight into the ways in which psychology has been applied, thereby leading to a better understanding of key approaches, research methods and issues and debates. The syllabus reflects four core areas of psychology, namely biological, cognitive, learning and social; it also relates psychology to abnormality, consumer behavior, health and organizations.

AICE Sociology

Prerequisite: None

Grades: 10th - 12th

Length: year-long

In a rapidly changing world AICE Sociology offers learners the opportunity not only to explore the processes that are shaping current trends, but also to develop an understanding of the complexity and diversity of human societies and their continuities with the past. The study of sociology stimulates awareness of contemporary social, cultural and political issues, and focuses on the importance of examining these issues in a rigorous, reasoned and analytical way.

AICE Thinking Skills

Prerequisite: Level 3 – 5 on Alg 1 EOC and level 3 – 5 on Reading FSA

Grades: 10th - 12th

Length: year-long

Thinking Skills develops a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real-world issues. The syllabus enables students to develop their ability to analyze unfamiliar problems, devise problem solving strategies, and evaluate the diverse ways a problem may be solved. During a Thinking Skills course, students learn to put their personal views aside in favor of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments. This course is very heavy on higher level math, reading and writing.

Drivers Education

Prerequisite: must be 15 prior to the first day of the course. Student must have a permit from the DMV. If student does not already have their permit they will have the first week of class to attempt to successfully pass the permit test. A permit is required in order to remain in the course.

Grades: 9th - 12th

Length: semester

The purpose of this course is to introduce students to the highway transportation system and to teach strategies that will develop driving knowledge related to today's and tomorrow's motorized society. It will also provide an in-depth study of the scope and nature of accident problems and their solutions.

CASA - CLEARWATER AERONAUTICAL SPACE ACADEMY

Aerospace Technology 1, 2 & 3

Prerequisite: None but courses are taken in sequential order

Grades: 9th - 12th

Length: year-long

These courses provide students with a beginning, intermediate and advanced understanding of the knowledge, human relations, and technological skills found today in Aerospace Technologies.

Principles of Aeronautical Science – AS 120

Prerequisite: This course is a Dual Enrollment course with Embry Riddle University. Students should have at least a 2.5 GPA

Grades: 10th - 12th

Length: semester

An introductory course in Aeronautical Science designed to provide the student with a broad-based aviation orientation in flight-related areas appropriate to all non-Aeronautical Science degree programs. Subjects include historical developments in aviation and the airline industry; theory of flight; airport operations; aircraft systems and performance; elements of air navigation; basic meteorology theory; air traffic principles; flight physiology; and aviation regulations and safety.

Unmanned Aircraft Systems – AS 220

Prerequisite: Principles of Aeronautical Science. This course is a Dual Enrollment course with Embry Riddle University. Students should have at least a 2.5 GPA

Grades: 10th - 12th

Length: semester

This course is a survey of unmanned aircraft systems (UAS), emphasizing the military and commercial history, growth, and application of UASs. The course will include basic acquisition, use, and operation of UASs with an emphasis on operations.

Principles of Management – MGMT 201

Prerequisite: This course is a Dual Enrollment course with Embry Riddle University. Students should have at least a 2.5 GPA

Grades: 10th - 12th

Length: semester

A comprehensive overview of relevant management principles and practices as applied in contemporary organizations, this course focuses on management theories, philosophies, and functions.

ELECTIVES EVERY STUDENT SHOULD CONSIDER REGARDLESS OF WHAT ACADEMY THEY ARE ENROLLED

COLLEGE AND CAREER READINESS

AVID 1, 2, 3, 4

Prerequisite: Courses are taken in sequential order. Students will need to take the required number of advanced courses each year. 9th grade = at least 1 honors level course, 10th grade = at least 2 honors level courses, 11th grade = at least 1 honors & 1 college level course, 12th grade = at least 2 college level courses.

Grades: 9th - 12th

Length: year-long

Advancement Via Individual Determination (AVID) is an academic elective course/program that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction that utilizes a rigorous college-preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students engage in activities centered around exploring college and career opportunities and their own agency.

Semantics and Logic

Prerequisite: None

Grades: 10th - 12th

Length: semester

SAT/ACT Prep course that will meet the required "online" course for graduation. The purpose of this course is to provide students knowledge of the principles of semantics and logic using texts of high complexity and advanced integrated language arts study.

The College Experience – SLS 1101

Prerequisite: This is a Dual Enrollment course with St. Pete College. Seniors must have a 2.0 GPA and Juniors must have a 2.5 GPA.

Grades: 11th - 12th

Length: semester

This course is designed to strengthen skills essential to success in college, with further applications to post-college plans. Included are study and test-taking strategies; effective interpersonal skills; time management techniques; creative and critical thinking skills; college services and resources; educational policies, procedures, regulations, and terminology; and library resources, research strategies, and information skills for online, blended, and traditional learning environments.

Principles of Management – MGMT 201

Prerequisite: This course is a Dual Enrollment course with Embry Riddle University. Students should have at least a 2.5 GPA

Grades: 10th - 12th

Length: semester

A comprehensive overview of relevant management principles and practices as applied in contemporary organizations, this course focuses on management theories, philosophies, and functions.