

GAINESVILLE HIGH SCHOOL COURSE CATALOG 2021-2022



Table of Contents

Vision, Mission, & Beliefs.....	2
Florida Graduation Requirements.....	3
Course Descriptions	
English.....	4
Math.....	9
Science.....	16
Social Studies.....	23
Humanities Electives.....	28
Fine Arts.....	30
Performing Arts.....	35
Practical Arts.....	44
Foreign Language.....	47
Physical Education.....	50
Hospitality.....	52
NJROTC.....	54
AVID.....	55
Student Government.....	57
Student Aide, Credit Recovery, Virtual Lab.....	58
Academy of Future Teachers.....	59
Academy of Health Professions.....	61

Vision

Gainesville High School is committed to challenging all students to achieve their highest potential.

Mission

The mission of Gainesville High School is to provide our students with an appreciation of their intrinsic value and to develop within them the skills, knowledge, and curiosity which will enable them to lead fulfilling and productive lives in a rapidly changing and increasingly complex society.

Beliefs

1. Our school's priority is student learning.
2. Our students have the capacity to learn the skills and concepts necessary to become productive citizens which will enable them to become confident, self-directed, lifelong learners.
3. Student learning improves in a safe, comfortable environment.
4. A partnership between families, the school and community benefits all students.
5. Diversity increases students' understanding of other people and cultures.

Standard Diploma Requirements

Academic Advisement – What Students and Parents Need to Know

What are the diploma options?

Students must successfully complete one of the following diploma options:

- 24-credit standard diploma
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL)
- Career and Technical Education (CTE) Pathway
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) Diploma curriculum

What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 English Language Arts (ELA) or a concordant score
- Algebra 1 end of course (EOC) or a comparative score

Refer to [Graduation Requirements for Florida's Statewide Assessments](#) for concordant and comparative scores.

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of the final course grade*:

- Algebra 1
- Geometry
- Biology 1
- U.S. History

*Special note: Thirty percent not applicable if not enrolled in the course but passed the EOC (credit acceleration program [CAP]).

What is the difference between the 18-credit ACCEL option and the 24-credit option?

- 3 elective credits instead of 8
- Physical Education is not required
- Online course is not required

What is the difference between the CTE Pathway option and the 24-credit option?

- At least 18 credits are required
- 4 elective credits instead of 8
 - 2 credits in CTE courses, must result in completion and industry certification
 - 2 credits in work-based learning programs or up to 2 elective credits including financial literacy
- Physical Education is not required
- Fine and Performing Arts, Speech and Debate, or Practical Arts is not required
- Online course is not required

24 Credit Standard Diploma

4 Credits ELA
<ul style="list-style-type: none"> • ELA 1, 2, 3, 4 • ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment courses may satisfy this requirement
4 Credits Mathematics*
<ul style="list-style-type: none"> • One of which must be Algebra 1 and one of which must be Geometry • Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) • An identified computer science** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)
3 Credits Science
<ul style="list-style-type: none"> • One of which must be Biology 1, two of which must be equally rigorous science courses • Two of the three required course credits must have a laboratory component • Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology 1) • An identified computer science** credit may substitute for up to one science credit (except for Biology 1)
3 Credits Social Studies
<ul style="list-style-type: none"> • 1 credit in World History • 1 credit in U.S. History • 0.5 credit in U.S. Government • 0.5 credit in Economics
1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> • To include the integration of health
8 Elective Credits
1 Online Course
<p>Students must earn a 2.0 grade point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments unless a waiver of assessment results is granted by the IEP team for students with disabilities.</p>

* Eligible courses are specified in the [Florida Course Code Directory](#).

**A computer science credit may not be used to substitute for both a mathematics and science credit.

English

Course Name: ENG 1

Course Number: 1001310

Course Length: Year

Grade Level(s): 9

Pre-requisites: None

Course Description: The purpose of this course is to provide English 1 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Name: ENG HON 1

Course Number: 1001320

Course Length: Year

Grade Level(s): 9

Pre-requisites: Passing FSA ELA Score AND / OR a grade of B or higher in previous English class AND / OR Teacher Recommendation

Course Description: The purpose of this course is to provide grade 9 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Name: ENG 1 THROUGH ESOL

Course Number: 1002300

Course Length: Year

Grade Level(s): 9

Pre-requisites: ESOL Program

Course Description: Through their study, learners will develop an ability to read and analyse material, gaining further knowledge and understanding of English language features and issues. Learners will also develop the skills of writing clearly, accurately, creatively and effectively for different purposes and audiences.

Course Name: PRE-AICE ENG LANG IG

Course Number: 1001560

Course Length: Year

Grade Level(s): 9

Pre-requisites: Cambridge Program Acceptance

Course Description: Critical reading and in-depth analysis of literary genres both in class and independently. Intensive college-preparatory vocabulary study. Formal and informal speaking experiences. Documented paper required.

Course Name: ENG 2

Course Number: 1001340

Course Length: Year

Grade Level(s): 10

Pre-requisites: 10th grade

Course Description: The purpose of this course is to provide grade 10 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Name: ENG HON 2

Course Number: 1001350

Course Length: Year

Grade Level(s): 10

Pre-requisites: Passing FSA ELA Score AND / OR a grade of B or higher in previous English class AND / OR Teacher Recommendation

Course Description: The purpose of this course is to provide grade 10 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness

Course Name: ENG 2 THROUGH ESOL

Course Number: 1002310

Course Length: Year

Grade Level(s): 10

Pre-requisites: ESOL Program

Course Description: The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

Course Name: AICE GENERAL PAPER (10th grade Cambridge)

Course Number: 1005380

Course Length: Year

Grade Level(s): 10

Pre-requisites: Pre-AICE English Language

Course Description: Prerequisite: Pre-AICE English Language, Teacher recommendation. This course is a study of World Literature that seeks to uncover and analyze universal human truths across cultures. Students will read many novels, stories, poems and articles. Analysis skills will be heightened through close reading and extensive discussion. The literary analysis essay is a major focus of the writing curriculum for this course, with explicit instruction, detailed grading, and avenues for revision. Creative writing genres are also explored. A comprehensive introduction to research and the research paper occurs in the spring semester. Students are also expected to read one novel outside of class in addition to the course's curriculum each nine weeks. Satisfactory progress in this course is necessary to enter AICE English at the eleventh grade level.

Course Name: ENG 3

Course Number: 1001370

Course Length: Year

Grade Level(s): 11

Pre-requisites: 11th grade

Course Description: The purpose of this course is to provide grade 11 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Name: ENG HON 3

Course Number: 1001380

Course Length: Year

Grade Level(s): 11

Pre-requisites: Passing FSA ELA Score AND / OR a grade of B or higher in previous English class AND / OR Teacher Recommendation

Course Description: The purpose of this course is to provide grade 11 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness.

Course Name: ENG 3 THROUGH ESOL

Course Number: 1002320

Course Length: Year

Grade Level(s): 11

Pre-requisites: ESOL Program

Course Description: The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

Course Name: AP ENG COMPO

Course Number: 1001420

Course Length: Year

Grade Level(s): 11, 12

Pre-requisites: Passing FSA ELA Score AND a grade of B or higher in previous English Honors class AND / OR Teacher Recommendation

Course Description: AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.

Course Name: AICE ENG LANG AS

Course Number: 1001550

Course Length: Year

Grade Level(s): 10

Pre-requisites: Cambridge Program Acceptance

Course Description: This college level course emphasizes critical reading, analysis of prose, sophisticated awareness of the uses of language forms. Emphasis on narrative, descriptive, imaginative and argumentative essays. Students must be able to both critically analyze the characteristics of each style and implement the techniques in their own writing. Numerous papers required. Documented papers required. Reading and interpretation of selected works of American fiction and non-fiction. Students who perform successfully on the Cambridge papers receive college credit from participating colleges.

Course Name: AICE ENG GEN PAPER (12th grade)

Course Number: 1009400

Course Length: Year

Grade Level(s): 12

Pre-requisites: 12th grade

Course Description: The Cambridge International AS Level English General Paper encourages learners to engage with a variety of topics, including knowledge and understanding gained from study of other subjects. They learn to become confident in analysing knowledge and opinion from a variety of sources, to build arguments and to communicate through written English.

Course Name: ENG 4 THROUGH ESOL

Course Number: 1002520

Course Length: Year

Grade Level(s): 12

Pre-requisites: ESOL Program

Course Description: The purpose of this course is to enable students who are native speakers of languages other than English to develop proficient listening, speaking, reading, and writing skills in the English language. Emphasis will be on acquisition of integrated English communication skills in a wide range of content and activities using texts of high complexity to ensure college and career preparation and readiness.

Course Name: AP ENG LIT COMPO

Course Number: 1001430

Course Length: Year

Grade Level(s): 12

Pre-requisites: AP English Language

Course Description: AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

Course Name: AICE ENG LIT 1 AS

Course Number: 1005370

Course Length: Year

Grade Level(s): 12

Pre-requisites: AICE English Language

Course Description: College level course emphasizes interpretation of British and world literature. Writing and in-depth literature study plus M/C tests in preparation for exams. Documented papers required. Summer reading, resume and college essay must be completed by the beginning of school. Students who perform successfully on the Cambridge papers may receive college credit from participating colleges.

Course Name: ENGLISH LANG DEV

Course Number: 1002380

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: ESOL Program

Course Description: The purpose of this course is to enable high school students who are native speakers of languages other than English to accelerate the development of communication and literacy skills that will promote English proficiency. This course will strengthen English listening, speaking, reading and writing skills so that students are able to successfully comprehend high school grade-level text independently, as well as communicate for social and instructional purposes within the school setting. Instruction will emphasize reading comprehension, writing fluency, and academic vocabulary through various levels of complexity. Texts used for instruction focus on a wide range of topics in Language Arts, Mathematics, Science, Social Studies and academic language in order to support students in meeting the knowledge demands of increasingly complex text. Students enrolled in the course will engage in interactive text-based discussion, question generation, and research opportunities, as well as cite evidence when answering text-dependent questions orally and in writing. Scaffolding is provided as necessary as students engage in reading and writing increasingly complex text. Explicit support is decreased or removed progressively as the reading and writing abilities of the students improve over time. The course will also provide extensive opportunities for students to learn English by communicating and collaborating with their teachers and peers for social and acculturation purposes.

Math

Course Name: LIB ARTS MATH 1

Course Number: 1207300

Course Length: Year

Grade Level(s): 9

Pre-requisites: Level 1 or 2 on 8th grade Math FSA

Course Description: The purpose of this course is to strengthen skills taught in Algebra 1 while providing a foundation for Geometry. Major topics include: Quantities, Seeing Structure in Expressions, Arithmetic with Polynomials and Rational Expressions, Creating Equations, Reasoning with Equations and Inequalities, Interpreting Functions, Congruence, Similarity, Right Triangles, and Trigonometry, Geometric Measurement and Dimension, Modeling with Geometry, and, Interpreting Categorical and Quantitative Data.

Course Name: ALG 1

Course Number: 1200310

Course Length: Year

Grade Level(s): 9-10

Pre-requisites: Passing Math FSA in 8th grade OR Completing Liberal Arts Math in 9th grade

Course Description: The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. 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.

Course Name: ALG 1 HON

Course Number: 1200320

Course Length: Year

Grade Level(s): 9-10

Pre-requisites: Passing Math FSA in 8th grade AND earning a B or higher in Pre-Algebra OR earning a B or higher in Liberal Arts Math in 9th grade

Course Description: The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. 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.

Course Name: INF GEO

Course Number: 1206300

Course Length: Year

Grade Level(s): 9-11

Pre-requisites: Algebra 1 or Algebra 1 Honors AND a Level 1 or 2 on Algebra EOC

Course Description: The fundamental purpose of the course in Informal Geometry is to extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships. 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.

Course Name: GEO

Course Number: 1206310

Course Length: Year

Grade Level(s):

Pre-requisites: Algebra 1 or Algebra 1 Honors AND a Level 3 or higher on the Algebra EOC OR Completion of Informal Geometry

Course Description: 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.

Course Name: GEO HON

Course Number: 1206320

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: B or higher in Algebra 1 or Algebra 1 Honors, Level 3 or higher on Algebra EOC

Course Description: 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.

Course Name: GEO HON TEAM

Course Number: 1206320

Course Length: Year

Grade Level(s): 9

Pre-requisites: Cambridge Program Acceptance

Course Description: Honors Geometry for students with a strong math background and are prepared to work at a faster pace. One day a week will be reserved to learn and prepare for math competitions. Students will be required to participate in at least two math competitions during the school year.

Course Name: ALG 2 HON

Course Number: 1200340

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: B or higher in Geometry and passing score on Algebra 1 EOC

Course Description: 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. The critical areas for this course, organized into four units, are as follows:

Course Name: ALG 2 HON TEAM

Course Number: 1200340

Course Length: Year

Grade Level(s): 9-10

Pre-requisites: A in Geometry Honors TEAM or Teacher Recommendation

Course Description: Honors Algebra 2 for students with a strong math background and are prepared to work at a faster pace. One day a week will be reserved to learn and prepare for math competitions. Students will be required to participate in at least two math competitions during the school year.

Course Name: PROB STAT W/APPS HON

Course Number: 1210300

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: C or higher in Algebra 2 Honors

Course Description: In Probability and Statistics Honors, instructional time will emphasize four areas: (1) creating and interpreting data displays for univariate and bivariate categorical and numerical data; (2) comparing and making observations about populations using statistical data, including confidence intervals and hypothesis testing; (3) extending understanding of probability and probability distributions and (4) developing an understanding of methods for collecting statistical data, including randomized trials.

Course Name: PRE-CALCULUS HON

Course Number: 1202340

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: B or higher in Algebra 2 Honors OR a B or higher in Statistics Honors

Course Description: In Precalculus Honors, instructional time will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

Course Name: PRE-CALCULUS HON TEAM

Course Number: 1202340

Course Length: Year

Grade Level(s): 9-11

Pre-requisites: A in Algebra 2 Honors or Teacher Recommendation

Course Description: Study of trigonometric and circular functions and their applications. Topics include trigonometric identities, graphs of trigonometric functions, inverses, trigonometric equations and applications of trigonometric functions. Functions, rational and polynomial functions, transformations, curve sketching, logarithms, inverse functions, conic sections, and polar functions are topics that are discussed and applied. Students successfully completing this course are prepared to take Calculus. One day a week will be reserved to learn and prepare for math competitions. Students will be required to participate in at least two math competitions during the school year.

Course Name: FINANCIAL ALGEBRA

Course Number: 1200387

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Algebra 1 and Geometry

Course Description: This course is targeted for students who need additional instruction in content to prepare them for success in upper-level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Algebra, Geometry, Number and Quantity, and Statistics, and the Florida Standards for High School Modeling. The course also includes Financial Literacy Standards found in Social Studies.

Course Name: MATH COLL READINESS

Course Number: 1200700

Course Length: Year

Grade Level(s): 12

Pre-requisites: Algebra 1 and Geometry

Course Description: This course is targeted for students who are not yet "college ready" in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Florida Standards for Mathematical Practices as well as the following Florida Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Florida Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

Course Name: CALCULUS HON

Course Number: 1202300

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Pre-Calculus Honors AND / OR Teacher Recommendation

Course Description: In Calculus Honors, instructional time will emphasize four areas: (1) developing understanding of limits and continuity of functions; (2) finding derivatives and applying them to motions, slopes, related rates and optimizations; (3) applying limits and derivatives to graph and analyze functions and (4) evaluating integrals and applying them to areas, volumes, average values and differential equations.

Course Name: AP STAT

Course Number: 1210320

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: B or higher in Statistics Honors AND / OR Teacher Recommendation

Course Description: AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

Course Name: AICE MATH 1 AS

Course Number: 1202352

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: A in Algebra 2 Honors and teacher recommendation

Course Description: Cambridge International A Level Mathematics develops a set of transferable skills. These include the skill of working with mathematical information, as well as the ability to think logically and independently, consider accuracy, model situations mathematically, analyse results and reflect on findings. Topics such as sequences, series, binomial expansion, logarithms, circular measure, coordinate geometry, limits, and basic differentiation & integration will be discussed. Students will also spend some time focused on using math to form opinions & points of view, and evaluate scenarios with their own personal ethics. Students successfully completing this course will be prepared to take AP Calculus.

Course Name: AP CALCULUS AB

Course Number: 1202310

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: B or higher in Calculus Honors AND / OR Teacher Recommendation

Course Description: AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

Course Name: AP CALCULUS BC

Course Number: 1202320

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Teacher Recommendation

Course Description: AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

Science

Course Name: ENV SCI

Course Number: 2001340

Course Length: Year

Grade Level(s): 9

Pre-requisites: None

Course Description: This course gives students opportunity to explore living and non-living relationships in the environmental world. Students will learn about various types of renewable and non-renewable resources, and human impact on the environment. Students will have opportunity to discuss the impact of human activity and will learn sustainability practices.

Course Name: ENV SCI HON

Course Number: 2001341

Course Length: Year

Grade Level(s): 9

Pre-requisites: A / B in previous Science course

Course Description: This course gives students opportunity to explore living and non-living relationships in the environmental world. Students will learn about various types of renewable and non-renewable resources, and human impact on the environment. Students will have opportunity to discuss the impact of human activity and will learn sustainability practices.

Course Name: BIO 1

Course Number: 2000310

Course Length: Year

Grade Level(s): 10

Pre-requisites: None

Course Description: The course provides information and activities in the life sciences. Among the topics covered are: Molecular and cellular biology, classification, heredity and evolution, populations and ecosystems. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

Course Name: BIO 1 HON

Course Number: 2000320

Course Length: Year

Grade Level(s): 9-10

Pre-requisites: A / B in previous Science and Math course

Course Description: This course provides greater depth of topic and faster pace than Biology 1. Among topics covered are: Molecular and cellular biology, classification, heredity and evolution, ecosystems. Students who complete this course will take the state end of course exam which comprises 30% of their grade for the year.

Course Name: PRE-AICE BIO IG

Course Number: 2000322

Course Length: Year

Grade Level(s): 9

Pre-requisites: Cambridge Program Acceptance

Course Description: This course is a challenging, concept-oriented and hands-on course designed to provide a strong foundation for AICE Biology. This course explores all major systems of animals and plants. Required 9th grade science course for Cambridge students.

Course Name: ANAT PHYSIO

Course Number: 2000350

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: None

Course Description: The purpose of this course is to provide students with exploratory activities in the structure and functions of the human body. The content includes anatomical terminology, cells and tissues, systems of the body, genetics and disease processes.

Course Name: ANAT PHYSIO HON

Course Number: 2000360

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: A / B in previous Science course

Course Description: This course provides greater depth of topic on the structure and functions of the human body. The content includes anatomical terminology, histology, systems of the body, organization and development of living things, genetics and disease processes.

Course Name: MARINE SCI 1

Course Number: 2002500

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: None

Course Description: The purpose of this course is to provide an overview of the marine environment. Content includes marine systems, formation of the oceans and interrelationships between man and the ocean environment.

Course Name: CHEM 1 HON

Course Number: 2003350

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: A / B in Biology and Algebra 1

Course Description: This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course. This course includes some rigorous standards that are not part of the standard course.

Course Name: PHYS 1 HON

Course Number: 2003390

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: A / B in previous Science course, must have completed or be enrolled in Geometry Honors

Course Description: The purpose of this course is to provide students with rigorous introductory study of the theories and interactions of matter, energy and the forces of nature. The content includes kinematics, dynamics, energy, work, thermodynamics, waves, light, electricity and sound.

Course Name: PRE-AICE CHEM IG

Course Number: 2003372

Course Length: Year

Grade Level(s): 10

Pre-requisites: Pre-AICE Biology

Course Description: Rigorous student of composition, properties and changes associated with matter. Laboratory investigations are an integral part of this course. Required 10th grade Cambridge science course.

Course Name: PRE-AICE PHYSICS IG

Course Number: 2003432

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Algebra 2 Honors

Course Description: This course offers a “hands on” experience in a host of physics topics including: lenses and mirrors, heat and energy, forces and motion, electrical circuits, magnets, and atomic matter. This course is a conceptual course but students should be comfortable with basic Algebra skills. Labs such as egg drops, slinky waves, laser bean races, lens explorations, and many more will be run regularly in order to continue to develop laboratory skills.

Course Name: AICE ENV MGMNT AS

Course Number: 2001381

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: A in Biology Honors OR A/B in Pre-AICE Biology

Course Description: The purpose of this course is to develop and apply concepts basic to Earth, its materials, processes, history, and environment in space. The content includes: internal structure of earth evident, plate tectonics, formation of rocks, weathering and erosion, soil structure, distribution of global water supplies, water cycle, properties of water and their environmental consequences, ocean currents and climate, rainfall and climate, structure and composition of the atmosphere, carbon cycle, nitrogen cycle, formation and function of stratospheric ozone, wind movement, earth in the solar system, solar radiation, interaction of electromagnetic radiation with the earth's surface, greenhouse effect, ecosystems and biomass, population dynamics. Students will design and implement an original research project.

Course Name: AICE MARINE SCI 1 AS

Course Number: 2002515

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Pre-AICE Biology, Pre-AICE Chemistry, Chemistry Honors, Biology Honors

Course Description: Cambridge International AS and A Level Marine Science provides a coherent and stimulating introduction to the science of the marine environment. We recommend that learners starting this course should have completed a course in Cambridge O Level or Cambridge IGCSE in Biology or Marine Science or the equivalent. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts. It is expected that 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.

Course Name: AP PHYSICS 1

Course Number: 2003421

Course Length: Year

Grade Level(s):

Pre-requisites: Must have completed or be enrolled in Algebra 2 Honors

Course Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves.

Course Name: AP PHYSICS C: ME

Course Number: 2003430

Course Length: Year

Grade Level(s):

Pre-requisites: Must have completed or be enrolled in Calculus Honors

Course Description: AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation. AP Physics C: Mechanics is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation.

Course Name: AICE PHYSICS 1 AS

Course Number: 2003431

Course Length: Year

Grade Level(s):

Pre-requisites: Must have completed or be enrolled in Algebra 2 Honors

Course Description: Cambridge International AS and A Level Physics builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of physics, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of physics ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Physics is ideal for learners who want to study physics or a wide variety of related subjects at university or to follow a career in science.

Course Name: AICE PHYSICS 2 AL

Course Number: 2003433

Course Length: Year

Grade Level(s):

Pre-requisites: Must have completed Algebra 2 Honors

Course Description: Cambridge International AS and A Level Physics builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of physics, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of physics ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Physics is ideal for learners who want to study physics or a wide variety of related subjects at university or to follow a career in science.

Course Name: AICE BIO 2 AL

Course Number: 2000323

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Paired with AP Bio as a Double-Block

Course Description: Cambridge International AS and A Level Biology builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of biology, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of biology ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level 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.

Course Name: AP BIO

Course Number: 2000340

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Paired with AICE Bio 2 AL as a Double-Block

Course Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

Course Name: AP CHEM

Course Number: 2003370

Course Length: Year

Grade Level(s):

Pre-requisites: Pairs with AICE Chem 2 AL for Double-Block

Course Description: AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

Course Name: AICE CHEM 2 AL

Course Number: 2003373

Course Length: Year

Grade Level(s):

Pre-requisites: Pairs with AP Chem for Double-Block

Course Description: Cambridge International AS and A Level Chemistry builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus includes the main theoretical concepts which are fundamental to the subject, some current applications of chemistry, and a strong emphasis on advanced practical skills. Practical skills are assessed in a timetabled practical examination. The emphasis throughout is on the understanding of concepts and the application of chemistry ideas in novel contexts as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills which are transferable to any future career path. Cambridge International AS and A Level Chemistry is ideal for learners who want to study chemistry or a wide variety of related subjects at university or to follow a career in science.

Social Studies

Course Name: WORLD HIST

Course Number: 2109310

Course Length: Year

Grade Level(s): 9

Pre-requisites: None

Course Description: The grade 9-12 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.

Course Name: WORLD HIST HON

Course Number: 2109320

Course Length: Year

Grade Level(s): 9

Pre-requisites: A / B in 8th grade social studies course

Course Description: The grade 9-12 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.

Course Name: AP WORLD HIST:MODERN

Course Number: 2109420

Course Length: Year

Grade Level(s): 9

Pre-requisites: Cambridge Program Acceptance, OR Level 5 on 8th grade ELA and A in 8th grade Social Studies / English courses

Course Description: AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Course Name: AP EURO HIST

Course Number: 2109380

Course Length: Year

Grade Level(s): 10

Pre-requisites: Cambridge Program Acceptance

Course Description: AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

Course Name: US HIST

Course Number: 2100310

Course Length: Year

Grade Level(s): 11

Pre-requisites: None

Course Description: 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.

Course Name: AP U.S. HIST

Course Number: 2100330

Course Length: Year

Grade Level(s): 11

Pre-requisites: A in World History, or A / B in World History Honors, A in English 2 or A / B in English 2 Honors

Course Description: AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

Course Name: AICE U.S. HIST 1 AS

Course Number: 2100500

Course Length: Year

Grade Level(s): 11

Pre-requisites: Cambridge Program Acceptance OR A / B in World History Honors and English 2 Honors

Course Description: Develops an awareness of historical concepts such as change, periods of history, and differing interpretations of particular historical issues Cultivates independent thinking and the ability to make informed judgements of issues. Focuses on key developments that transformed the US in terms of economic strength, military power, political and diplomatic influence, and cultural and social impact on other nations and peoples. Course covers the following themes: The Road to Secession and Civil War, Civil War and Reconstruction, Westward Expansion and the Taming of the West, The Impact of Economic Expansion, Civil Rights, Boom and Bust, The USA's Rise as a World Power and Social Developments through 1990.

Course Name: ECONOMICS

Course Number: 2102310

Course Length: Semester

Grade Level(s): 12

Pre-requisites: None

Course Description: The grade 9-12 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.

Course Name: ECONOMICS HONORS

Course Number: 2102320

Course Length: Semester

Grade Level(s): 12

Pre-requisites: A / B in US History

Course Description: The grade 9-12 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.

Course Name: AICE ECON 1 AS

Course Number: 2102321

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Cambridge Program Acceptance

Course Description: Students learn how to explain and analyse economic issues and arguments, evaluate economic information, and organise, present and communicate ideas and judgements clearly. The syllabus covers a range of fundamental economic ideas, including an introduction to the price system and government intervention, international trade and exchange rates, the measurement of employment and inflation, and the causes and consequences of inflation. Students also study the theory of the firm, market failure, macroeconomic theory and policy, and economic growth and development.

Course Name: AP MICROECON

Course Number: 2102360

Course Length: Semester

Grade Level(s): 12

Pre-requisites: A / B in US History Honors. Pairs with AP Government

Course Description: 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.

Course Name: US GOVT

Course Number: 2106310

Course Length: Semester

Grade Level(s): 12

Pre-requisites: None

Course Description: The grade 9-12 United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the 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.

Course Name: US GOVT HON

Course Number: 2106320

Course Length: Semester

Grade Level(s): 12

Pre-requisites: A / B in US History

Course Description: The grade 9-12 United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the 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.

Course Name: AP US GOVT/POL

Course Number: 2106420

Course Length: Semester

Grade Level(s): 12

Pre-requisites: A / B in AP US History. Pairs with AP Economics

Course Description: AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.

Humanities Electives

Course Name: AFR-AMER HIST HON

Course Number: 2100336

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Pairs with African History Honors for a year-long course

Course Description: The grade 9-12 African-American History Honors course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

Course Name: AFRICAN HISTORY HON

Course Number: 2100365

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Pairs with African American History Honors for a year-long course

Course Description: This course consists of the following content area strands: World History, United States History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of African-Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African-American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

Course Name: AP PSYCH

Course Number: 2107350

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: A / B in previous English Honors course

Course Description: AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

Course Name: AICE PSYCH 1 AS

Course Number: 2107360

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Cambridge Program Acceptance

Course Description: Cambridge International AS Level Psychology learners investigate important published research. This provides insight into the ways in which psychology has been applied and conducted, thereby leading to a better understanding of key approaches, research methods and psychology's issues and debates. The content includes four core areas of psychology: the biological approach, the cognitive approach, the learning/behavioral approach and the social approach. The core studies of this class illustrate a wide range of research methods used in psychology, leading the learners to develop an appreciation of the subject and increase their science literacy. Cambridge International AS Level Psychology is ideal for learners who want to study psychology at university, to follow a career in human or social services, or who are just interested in learning more about the subject, themselves and others.

Course Name: AICE THINK SKLS 2 AL

Course Number: 1700374

Course Length: Year

Grade Level(s): 12

Pre-requisites: None

Course Description: This course involves the study of a range of transferable skills and processes for solving problems, critical thinking and reasoning. The intent is the development of thinking skills and processes rather than the study of subject content. These skills are valuable and relevant within other areas as well as being essential for further higher education. The course aims to encourage students to apply these skills to realistic scenarios, and to develop their abilities to understand and engage confidently in argument and reasoning.

Course Name: AICE GLBL PERSP 1 AS

Course Number: 1700364

Course Length: Year

Grade Level(s): 12

Pre-requisites: Cambridge Program Acceptance

Course Description: Cambridge International AS & A Level Global Perspectives and Research is a skills-based course that prepares learners for positive engagement with our rapidly changing world. Learners broaden their outlook through the critical analysis of – and reflection on – issues of global significance. They will develop unique, transferable skills including research, critical thinking and communication by following an approach to analyzing and evaluating arguments and perspectives called the 'Critical Path'. Collaborative skills are enhanced through participation in a team project. The skills gained through study of this course help students to meet the demands of Twenty-First century learning, preparing the transition to higher education and the world of work. Students prepare an 8 minute long individual presentation proposing an innovative solution to a global problem. Students also complete a global research project based on a question generated from their individual interest.

Fine Arts

Course Name: DRAW 1

Course Number: 0104335

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: None. Pairs with Painting 1 for a year-long course

Course Description: 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. 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.

Course Name: PAINT 1

Course Number: 0104365

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: None. Pairs with Drawing 1 for a year-long course.

Course Description: Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in painting. Students practice, 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.

Course Name: 2-D STUDIO ART 2

Course Number: 0101310

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Drawing & Painting

Course Description: Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Student artists sketch, manipulate, and refine 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.

Course Name: 2-D STUDIO ART 3 HON

Course Number: 0101320

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: 2-D Studio Art 2 or teacher recommendation

Course Description: Students demonstrate proficiency in the conceptual development of content in drawing, painting, printmaking, collage, and/or design to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. This course incorporates hands-on activities and consumption of art materials.

Course Name: AP 2-D ART & DESIGN

Course Number: 0109350

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: 2D Studio Art 3 Honors or Teacher Recommendation

Course Description: The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundation courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams. The AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing courses are designed to be the equivalent of a one-semester, introductory college course in 2-D art and design, 3-D art and design, and drawing, respectively.

Course Name: AP DRAWING

Course Number: 0104300

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: 2D Studio Art 3 Honors or Teacher Recommendation

Course Description: The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundation courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams. The AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing courses are designed to be the equivalent of a one-semester, introductory college course in 2-D art and design, 3-D art and design, and drawing, respectively.

Course Name: CERAM/POT 1

Course Number: 0102300

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instructional focus will be on ceramics and/or pottery. Media may include, but are not limited to, clay and/or plaster, 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 ceramics and/or pottery 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.

Course Name: CERAM/POT 2

Course Number: 0102310

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Ceramics 1

Course Description: Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include, but are not limited to, wheel-thrown clay, glaze formulation and application. Media may include, but are not limited to, clay and/or plaster with consideration of the workability, durability, cost, and toxicity of the media used. Ceramic and/or pottery artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery 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.

Course Name: CERAM/POT 3 HON

Course Number: 0102320

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Ceramics 2 or Teacher Recommendation

Course Description: Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include content in ceramics, pottery, or other related media. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. Ceramic and/or pottery artists experiment with processes, techniques, and media, which may include, but are not limited to, casting and kiln-firing techniques, and mold making. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery 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.

Course Name: AP 3-D ART & DESIGN

Course Number: 0109360

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Ceramics 3 Honors or Teacher Recommendation

Course Description: The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundation courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams. The AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing courses are designed to be the equivalent of a one-semester, introductory college course in 2-D art and design, 3-D art and design, and drawing, respectively.

Performing Arts

Course Name: THEATRE 1

Course Number: 0400310

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: This course is designed for students with little or no theatre experience, and 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.

Course Name: ACTING 1

Course Number: 0400370

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Theatre 1

Course Description: Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Course Name: THEATRE 3 HON

Course Number: 0400330

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Acting 1 or Teacher Recommendation

Course Description: This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Course Name: THEATRE 4 HON

Course Number: 0400340

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Theatre 3 Honors or Teacher Recommendation

Course Description: This course is designed for students with extensive experience in theatre, and promotes significant depth of engagement and lifelong appreciation for theatre through a broad spectrum of primarily self-directed study and performance. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of sophisticated oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Course Name: TECH THEA DES&PROD 1

Course Number: 0400410

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: 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.

Course Name: TECH THEA DES&PROD 2

Course Number: 0400420

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Technical Theatre 1

Course Description: Students focus on the design and safe application of basic tools and procedures to create elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Students develop assessment and problem-solving skills; the ability to connect selected literature to a variety of cultures, history, and other content areas. 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.

Course Name: TECH THEA DES&PROD 3

Course Number: 0400430

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Technical Theatre 2

Course Description: Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre. Student designers and technicians assemble a portfolio that showcases a body of work representing artistic growth over time; growing command of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills. 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.

Course Name: BAND 1

Course Number: 1302300

Course Length: Year

Grade Level(s): 9

Pre-requisites: None

Course Description: This year-long, entry-level class, designed for students having little or no previous band experience with woodwind, brass, and/or percussion instruments, promotes the enjoyment and appreciation of music through performance of high-quality, beginning 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.

Course Name: BAND 2

Course Number: 1302310

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: This year-long, beginning-level class, designed for students with at least one year of woodwind, brass, and/or percussion ensemble experience, promotes the enjoyment and appreciation of music through performance of high-quality wind and percussion literature. Rehearsals focus on the development of critical listening skills, instrumental and ensemble technique and skills, expanded music literacy, and aesthetic awareness culminating in periodic public performances.

Course Name: BAND 3

Course Number: 1302320

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: This year-long, formative class, designed for students ready to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate-level wind and percussion literature. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances.

Course Name: BAND 4

Course Number: 1302330

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: This year-long, intermediate-level course, designed for students who demonstrate proficiency in woodwind, brass and/or percussion techniques, music literacy, critical listening/aural skills, and ensemble performance skills, promotes greater engagement with and appreciation for music through performance and other experiences with a broad spectrum of music, as well as creativity through composition and/or arranging.. Study includes cultivation of well-developed instrumental ensemble techniques and skills, music literacy and theory, and deeper aesthetic engagement with a wide variety of high-quality repertoire.

Course Name: BAND 5 HON

Course Number: 1302340

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: This year-long, advanced course, designed for wind and percussion students with extensive experience in solo performance and larger performing ensembles, promotes significant depth of engagement and lifelong appreciation of music through performance and other experiences with sophisticated instrumental music, as well as creativity through composition and/or arranging. The course includes the development of advanced instrumental ensemble techniques and skills, extended music literacy and theory, and deep aesthetic engagement with a broad spectrum of high-quality repertoire, ranging from early music to the contemporary. Musical independence and leadership are particularly encouraged in this setting.

Course Name: BAND 6 HON

Course Number: 1302350

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: This year-long, highly advanced course, designed for students with substantial experience in solo performance and larger performing ensembles, promotes significant engagement with and appreciation for music through performance of sophisticated wind and percussion literature. Study focuses on mastery of highly advanced music skills, techniques, and processes, as well as creativity through composition and/or arranging and use of current technology to enhance creativity and performance effectiveness. This course also provides significant opportunities for student leadership through peer mentoring, solo work, and participation as a performer or coach in a small or large ensemble.

Course Name: INSTRU ENS 1

Course Number: 1302460

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: Students with little or no experience in an instrumental ensemble develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Student musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source

Course Name: INSTRU ENS 2

Course Number: 1302470

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: Students with previous instrumental ensemble experience continue building musicianship and performance skills through the study of high-quality music in diverse styles. Student musicians learn to self-assess and collaborate as they rehearse, perform, and study relevant musical styles and time periods. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Course Name: INSTRU ENS 3

Course Number: 1302480

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: Students strengthen instrumental ensemble performance skills, music literacy, and analytical skills through the study of high-quality music in diverse styles. Student musicians learn to self-assess and collaborate as they rehearse, perform, and study relevant history and cultures. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Course Name: INSTRU ENS 4 HON

Course Number: 1302490

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Teacher Recommendation

Course Description: Students with extensive instrumental ensemble experience refine their critical listening, music literacy, and ensemble skills through the study, rehearsal, and performance of high-quality, advanced literature. Students use reflection and problem-solving skills with increasing independence to improve their performance and musical expression. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Course Name: CHORUS 1

Course Number: 1303300

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: This year-long, entry-level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals 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.

Course Name: CHORUS 2

Course Number: 1303310

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Chorus 1 OR Teacher Recommendation

Course Description: This year-long, beginning-level class, designed for students with one year of experience or less in a choral performing group, promotes the enjoyment and appreciation of music through performance of basic, high-quality choral music. Rehearsals focus on the development of critical listening/aural skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

Course Name: CHORUS 3

Course Number: 1303320

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Chorus 2 OR Teacher Recommendation

Course Description: This year-long, formative class, designed for students with previous participation in a school chorus who have basic knowledge of note-reading and vocal technique, concentrates on providing students opportunities to strengthen existing skills in critical listening, vocal techniques, and ensemble performance using high-quality three- and four-part choral literature. Rehearsals focus on gaining independence in music literacy and aesthetic engagement through critical listening and thinking skills.

Course Name: CHORUS 4

Course Number: 1303330

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Chorus 3 OR Teacher Recommendation

Course Description: This year-long, intermediate-level class is designed for students with previous participation in a high school chorus and moderate skills in critical listening, vocal techniques, music literacy, and choral performance. Rehearsals focus on enhancing these skills and students' aesthetic engagement with music through a variety of high-quality three- and four-part choral literature, providing students with the means to learn how to reflect and use a combination of analytical, assessment, and problem-solving skills consistently to improve their own and others' performance.

Course Name: CHORUS 5 HON

Course Number: 1303340

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Chorus 4 OR Teacher Recommendation

Course Description: This year-long, advanced class is designed for students with previous participation in a high school chorus who have demonstrated a capacity for developing advanced listening/aural skills and advanced knowledge of vocal techniques, musical literacy, and choral performance. Chorus V focuses on development and application of these skills and provides opportunities for aesthetic engagement and making individual musical choices, where appropriate, while preparing a variety of high-quality choral literature.

Course Name: EURHY 1

Course Number: 1305300

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: Student dancers develop basic skills in performing and evaluating choreographed performances as an independent ensemble and in cooperation with a music ensemble. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Course Name: EURHY 2

Course Number: 1305310

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Eurhythmics 1 OR Teacher Recommendation

Course Description: Student dancers build on previous experience to perform and evaluate choreographed performances as an independent ensemble and in cooperation with a music ensemble. Students focus on strengthening dance skills, equipment manipulation, precision, and the relationship between music and dance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Course Name: EURHY 3

Course Number: 1305320

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Eurhythmics 2 OR Teacher Recommendation

Course Description: Student dancers strengthen their performance and evaluative skills, and explore the basic processes of designing choreography for an independent ensemble or in cooperation with a music ensemble. Students develop more sophisticated dance skills and equipment manipulation. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Course Name: EURHY 4

Course Number: 1305330

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Eurhythmics 3 OR Teacher Recommendation

Course Description: Student dancers develop advanced skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with a music ensemble. Coursework focuses on dance, equipment manipulation, precision, and analysis of the relationship between music and dance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Practical Arts

Course Name: DIG MEDIA/MM FOUND 1

Course Number: 8201210

Course Length: Year

Grade Level(s): 9 - 12

Pre-requisites: None

Course Description: This course provides competencies in presentation production issues, basic computer knowledge, digital still photography, and photo editing software.

Course Name: DIG MEDIA/MM FOUND 2

Course Number: 8201220

Course Length: Year

Grade Level(s): 10 - 12

Pre-requisites: Digital Media 1

Course Description: This course covers competencies in advanced design, illustration software, color modes, and fonts.

Course Name: DIG MEDIA/MM FOUND 3

Course Number: 8201230

Course Length: Year

Grade Level(s): 11 - 12

Pre-requisites: Digital Media 2 OR Teacher Recommendation

Course Description: This course covers competencies in design layout software.

Course Name: Digital Media/Multimedia Web Production

Course Number: 8201610

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Digital Media 3 OR Teacher Recommendation

Course Description: This course covers competencies in webpage design, HTML and CSS, authoring software, animated webpage design, and use the interactive design software.

Course Name: DIGITAL VIDEO TECH 1

Course Number: 8201410

Course Length: Year

Grade Level(s): 9 - 12

Pre-requisites: None

Course Description: This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/ video recording, mixing, and editing.

Course Name: DIGITAL VIDEO TECH 2

Course Number: 8201420

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Digital Video Tech 1

Course Description: This course provides students with intermediate level instruction in the digital video production process.

Course Name: DIGITAL VIDEO TECH 3

Course Number: 8201430

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Digital Video Tech 2 OR Teacher Recommendation

Course Description: Students will participate in the digital video pre-production, production, and post-production processes.

Course Name: DIGITAL VIDEO TECH 4

Course Number: 8201440

Course Length: Year

Grade Level(s): 12

Pre-requisites: Digital Video Tech 3 OR Teacher Recommendation

Course Description: Students will demonstrate proficiency in all phases of the digital video production process (pre-production, production, post-production).

Course Name: FDNS OF JOURNALISM

Course Number: 8203000

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: This course is designed to develop basic entry-level skills required for careers in the writing and editing industry.

Course Name: MEDIA PROD

Course Number: 8771110

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Foundations of Journalism

Course Description: This course is designed to develop basic entry-level skills required for careers in the communications industry.

Course Name: DIGITAL DESIGN 1

Course Number: 8209510

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: This course is designed to develop the entry-level skills required for careers in digital design. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem-solving.

Course Name: DIGITAL DESIGN 2

Course Number: 8209520

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Digital Design 1

Course Description: This course continues the development of entry-level skills required for careers in digital design. The content includes computer skills; digital publishing operations; layout, design, and measurement activities; digital imaging; communication, collaboration and decision-making activities; critical thinking and problem solving.

Course Name: DIGITAL DESIGN 3

Course Number: 8209530

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Digital Design 2 OR Teacher Recommendation

Course Description: This course continues the development of industry-standard skills required for careers in digital design. The content includes the use of software and equipment to perform digital publishing and digital imaging activities. Students continue to learn about communication, collaboration and decision-making activities, critical thinking and problem solving.

Foreign Language

Course Name: SPANISH 1

Course Number: 0708340

Course Length: Year

Grade Level(s): 9-11

Pre-requisites: None

Course Description: Spanish 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

Course Name: SPANISH 2

Course Number: 0708350

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: Spanish 1 or Teacher Recommendation

Course Description: Spanish 2 reinforces the fundamental skills acquired by the students in Spanish 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

Course Name: PRE-AICE SPAN 1 IG

Course Number: 0708532

Course Length: Year

Grade Level(s): 9

Pre-requisites: Cambridge Program Acceptance

Course Description: This syllabus is designed for students who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies. The syllabus also aims to offer insights into the culture of countries where Spanish is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

Course Name: PRE-AICE SPAN 2 IG

Course Number: 0708534

Course Length: Year

Grade Level(s): 10

Pre-requisites: Cambridge Program Acceptance, Pre-AICE Spanish 1

Course Description: This syllabus is designed for students who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies. The syllabus also aims to offer insights into the culture of countries where Spanish is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

Course Name: PRE-AICE SPAN 3 IG

Course Number: 0708536

Course Length: Year

Grade Level(s): 11

Pre-requisites: Cambridge Program Acceptance, Pre-AICE Spanish 2

Course Description: This syllabus is designed for students who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies. The syllabus also aims to offer insights into the culture of countries where Spanish is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

Course Name: AICE SPANISH AL

Course Number: 0708530

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Pre-AICE Spanish 3 OR Teacher Recommendation

Course Description: Cambridge International A Level Spanish builds on the language skills gained at Cambridge IGCSE, Cambridge O Level or Cambridge International AS Level, and is the ideal foundation for university-level study, or to improve career prospects. Learners will gain an understanding of how to use the language in a variety of situations. They will be expected to handle texts and other source materials, extracting information in order to respond to specific tasks. Through their studies, learners can expect to achieve greater fluency, accuracy and confidence in the language.

Course Name: AMER SIGN LANG 1

Course Number: 0717300

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

Course Name: AMER SIGN LANG 2

Course Number: 0717310

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: American Sign Language 1

Course Description: American Sign Language 2 reinforces the fundamental skills acquired by the students in American Sign Language 1. The course develops increased receptive and expressive, skills as well as cultural awareness. Specific content to be covered is a continuation of skills acquired in American Sign Language 1 while communication remains the primary objective. The cultural survey of the target language is continued.

Physical Education

Course Name: HOPE

Course Number: 3026010

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach. Specific health education topics within this course include, but are not limited to: Mental/Social Health, Physical Activity, Components of Physical Fitness, Nutrition and Wellness Planning, Diseases and Disorders, Health Advocacy, First Aid/CPR, Alcohol, Tobacco, and Drug Prevention, Human Sexuality including Abstinence and HIV, and Internet Safety.

Course Name: TEAM SPRTS 1

Course Number: 1503350

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: None

Course Description: 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.

Course Name: TEAM SPRTS 2

Course Number: 1503360

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Team Sports 1

Course Description: 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.

Course Name: BASKETBALL

Course Number: 1503310

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: None

Course Description: The purpose of this course is to enable students to develop knowledge and skills in basketball and to improve health-related fitness.

Course Name: WEIGHT TRAIN 1

Course Number: 1501340

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: None

Course Description: 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

Course Name: WEIGHT TRAIN 2

Course Number: 1501350

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Weight Training 1

Course Description: 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

Course Name: WEIGHT TRAIN 3

Course Number: 1501360

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Weight Training 2 OR GHS Football Team

Course Description: 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

Course Name: DRIVER ED CLASS/LAB

Course Number: 1900310

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: 15 years old, Learner's Permit must be obtained

Course Description: The purpose of this course is to introduce students to Florida's driving laws/rules of the road and safe driving behavior, and to strategies that will develop driving knowledge and skills related to today's and tomorrow's motorized society. It will also provide an in-depth study of the contributing factors to vehicle crashes and their solutions.

Hospitality

Course Name: NUTRITION & WELLNESS

Course Number: 8500355

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Paired with Principles of Food Preparation for a year-long course

Course Description: The content includes but is not limited to selection, preparation, service and storage of foods. It allows students to use technology to practice meal management techniques directed toward nutritional food choices based on the life cycle. This course will provide an awareness of consumer issues relating to health and wellness.

Course Name: PRIN OF FOOD PREP

Course Number: 8500390

Course Length: Semester

Grade Level(s): 9-12

Pre-requisites: Paired with Nutrition & Wellness for a year-long course

Course Description: The content includes but is not limited to preparing students to understand the principles of food, selection and storage, basic food preparation, and selection of food services.

Course Name: NUTRITION & FOOD SCI

Course Number: 8801101

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Nutrition & Wellness, Principles of Food Prep

Course Description: This course is designed for students to understand Nutrition and Food Science concepts, including biological and chemical makeup of food, safety and sanitary handling of food, preparation of food using various catalysts, and the identification of the structures and functions of nutrients.

Course Name: INTROD TO HOS & TOUR

Course Number: 8850110

Course Length: Year

Grade Level(s): 9

Pre-requisites: None

Course Description: The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

Course Name: TECH FOR HOSP & TOUR

Course Number: 8703110

Course Length: Year

Grade Level(s): 10

Pre-requisites: Intro to Hospitality & Tourism

Course Description: This course is designed to provide an introduction to computer technology and to develop entry-level skills for computer-related careers in the hospitality & tourism industry.

Course Name: HOSP & TOUR MKT MGMT

Course Number: 8703120

Course Length:

Grade Level(s): 11

Pre-requisites: Tech for Hospitality & Tourism

Course Description: The purpose of this course is to provide students necessary career specific instruction in hospitality and tourism marketing management. Students will learn sales and management techniques, marketing principles, and entrepreneurship skills necessary to succeed in the hospitality and tourism industry. This course incorporates marketing and management principles and procedures of the hospitality and tourism industry as well as employment qualifications and opportunities.

Course Name: HOS & TOUR INTERN

Course Number: 8845130

Course Length: Year

Grade Level(s): 12

Pre-requisites: Hospitality & Tourism Marketing Management

Course Description: The Hospitality and Tourism Internship course provides students the opportunity to demonstrate human relations, communications, and employability skills necessary for entry-level employment in the hospitality & tourism industry. Additionally, it will enhance the instruction and competencies developed through classroom instruction.

ROTC

Course Name: NAVAL SCI 1

Course Number: 1802300

Course Length: Year

Grade Level(s): 9-12

Pre-requisites: None

Course Description: The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. This course will also enable students to develop appreciation for the heritage and traditions of America, to recognize the importance of the role of sea power in America's future, and to develop a sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

Course Name: NAVAL SCI 2

Course Number: 1802310

Course Length: Year

Grade Level(s): 10-12

Pre-requisites: Naval Science 1

Course Description: The purpose of this course is to engender a sound appreciation of the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future. This course will also enable students to develop a sense of pride in his/her organization, associates, and self. This course will further enable students to develop understanding of maritime geography as it relates to our natural resources, land forms, climate, soil, bodies of water, people, governments, the military, and geopolitics.

Course Name: NAVAL SCI 3

Course Number: 1802320

Course Length: Year

Grade Level(s): 11-12

Pre-requisites: Naval Science 2

Course Description: The purpose of this course is to enable students to further develop understanding the importance of sea power and national security, naval operations and support functions, military law, international law, and the sea. This course will also enable students to develop understanding of the technical area of naval science study.

Course Name: NAVAL SCI 4

Course Number: 1802330

Course Length: Year

Grade Level(s): 12

Pre-requisites: Naval Science 3

Course Description: The purpose of this course is to enable students to develop leadership skills including knowledge of individual needs and group dynamics, leadership principles and responsibilities, and effective communication strategies.

AVID

Course Name: AVID 1

Course Number: 1700390

Course Length: Year

Grade Level(s): 9

Pre-requisites: AVID Program

Course Description: Advancement Via Individual Determination (AVID) is an academic elective course 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. 9th grade AVID elective course will service as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase their awareness of their personal contributions to their learning as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trips and guest-speaker preparations and presentations. Their college research will include financial topics and building their knowledge of colleges and careers of interest.

Course Name: AVID 2

Course Number: 1700400

Course Length: Year

Grade Level(s): 10

Pre-requisites: AVID Program

Course Description: During the 10th grade AVID elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals.

Course Name: AVID 3

Course Number: 1700410

Course Length: Year

Grade Level(s): 11

Pre-requisites: AVID Program

Course Description: The 11th grade AVID elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans.

Course Name: JOBS FL GRAD

Course Number: 0500500

Course Length: Year

Grade Level(s): 11 - 12

Pre-requisites:

Course Description: Jobs for Florida Graduates (JFG) is a school-to-career program designed to help young people graduate, thereby building the confidence to move onto gainful employment or postsecondary education

Student Government

Course Name: LEAD SKLS DEV

Course Number: 2400300

Course Length: Year

Grade Level(s): 9

Pre-requisites: 8th grade application accepted

Course Description: Student Government - 9th grade

Course Name: LEAD TECNQS

Course Number: 2400310

Course Length: Year

Grade Level(s): 10

Pre-requisites: Elected to Student Government by student body

Course Description: Student Government - 10th grade

Course Name: LEADER STRATEGIES

Course Number: 2400320

Course Length: Year

Grade Level(s): 11

Pre-requisites: Elected to Student Government by student body

Course Description: Student Government - 11th grade

Course Name: APPROACHES TO LEADER

Course Number: 2400330

Course Length: Year

Grade Level(s): 12

Pre-requisites: Elected to Student Government by student body

Course Description: Student Government - 12th grade

Student Aide

Course Name: EXEC INTERN 1

Course Number: 0500300

Course Length: Year

Grade Level(s): 11 - 12

Pre-requisites: No major discipline or attendance issues

Course Description: Student Aide

Course Name: EXEC INTERN 2

Course Number: 0500310

Course Length: Year

Grade Level(s): 12

Pre-requisites: No major discipline or attendance issues

Course Description: Student Aide

In-School Credit Recovery (CROP)

Course Name: PERS CAR SCH DEV 3

Course Number: 0500520

Course Length: Year

Grade Level(s): 11

Pre-requisites: Credit Deficient, or GPA below a 2.0

Course Description: CROP / In-school credit recovery

Course Name: PERS CAR SCH DEV 4

Course Number: 0500530

Course Length: Year

Grade Level(s): 12

Pre-requisites: Credit Deficient, or GPA below a 2.0

Course Description: CROP / In-school credit recovery

Virtual Lab

Course Name: VIRTUAL LAB

Course Description: Students may take a Florida Virtual School or Alachua eSchool course on campus.

Academy of Future Teachers

Course Name: INTRO TEACH PROF

Course Number: 8909010

Course Length: Year

Grade Level(s): 9

Pre-requisites: Academy of Future Teachers Program Acceptance

Course Description: This course is designed to focus on the profession of teaching and related careers – history, purposes, issues, ethics, laws and regulations, roles, and qualifications. Emphasis is placed on identifying the current, historical, philosophical and social perspectives of American education, including trends and issues. During the course students will participate in a minimum of 20 hours of guided observations and field experiences in multiple settings to help them assess their personal interest in pursuing careers in this field and to identify effective learning environments. Students will begin the development of a working portfolio to be assembled upon completion of the program. The course is also designed for students to learn about leadership and skill opportunities afforded through participation in CTSO activities.

Course Name: HUMAN GROWTH/DEV

Course Number: 8909020

Course Length: Year

Grade Level(s): 10

Pre-requisites: Academy of Future Teachers Program Acceptance, Intro to Teaching Professions

Course Description: This course prepares students to understand the nature of human development from conception through adolescence and the connection of the students' development and plans for working with students. Emphasis is placed on theories of physical, cognitive, and psychosocial development, the effect of heredity and the environment, the role of caregivers and the family, health and safety concerns, and contemporary issues. Students will participate in a minimum of 30 hours of planned, guided observations of children from birth through adolescence in a variety of settings to help students further understand theories of human development. Students will continue to develop the components of his or her working portfolio to be assembled upon completion of the program.

Course Name: FOUND/CURR & INSTRUC

Course Number: 8909030

Course Length: Year

Grade Level(s): 11

Pre-requisites: Academy of Future Teachers Program Acceptance, Human Growth & Development

Course Description: This course is designed for students to develop the knowledge and skills of curriculum delivery models in response to the developmental needs of all children. Students will develop various instructional materials and activities to promote learning, classroom management strategies, and a supportive classroom environment. Students will research and understand the basic theories of motivation that increase student engagement which is tied to student learning. Students will participate in a minimum of 50 hours of guided observations and field experiences to critique and develop classroom lessons. Students will continue to develop the components of a working portfolio to be assembled upon completion of the program.

Course Name: PRIN TEACHING INTERN

Course Number: 8909040

Course Length: Year

Grade Level(s): 12

Pre-requisites: Academy of Future Teachers Program Acceptance, Foundations of Curriculum and Instruction

Course Description: The course is designed for students to apply their knowledge in real world education settings. Students must complete a minimum of 150 hours of internship in an approved setting based on students' area of interests. The internship is designed for students to work with a mentor teacher to provide daily supervision and provide the students the opportunities to integrate content and pedagogical knowledge. Students will be observed by the instructor using the local school district's approved formal observation process during the internship. The student will submit a completed portfolio by the end of the course for feedback.

Academy of Health Professions

Course Name: MEDICAL SKLS SERS

Course Number: 8400320

Course Length: Year

Grade Level(s): 9

Pre-requisites: Academy of Health Professions Program Acceptance

Course Description: The purpose of this program is to give students an opportunity to apply knowledge and skills related to the area of Health Science career cluster. The content includes but is not limited to practical generic skills in health occupations.

Course Name: HEALTH SCI A & P

Course Number: 8417100

Course Length: Year

Grade Level(s): 10

Pre-requisites: Academy of Health Professions Program Acceptance

Course Description: This course is part of the secondary Health Core consisting of an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.

Course Name: HEALTH SCIENCE FOUND

Course Number: 8417110

Course Length: Year

Grade Level(s): 11

Pre-requisites: Academy of Health Professions Program Acceptance

Course Description: This course is part of the Secondary Health Core designed to provide the student with an in depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem solving skills. Students may shadow professionals throughout the course.

Course Name: ALLIED HEALTH ASSIS3

Course Number: 8417131

Course Length: Year

Grade Level(s): 12

Pre-requisites: Academy of Health Professions Program Acceptance

Course Description: In this course students will perform skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, radiation, EKG, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included with instructor provided competencies.

Course Name: NURSE ASSISTING 3

Course Number: 8417211

Course Length: Year

Grade Level(s): 12

Pre-requisites: Academy of Health Professions Program Acceptance

Course Description: This is a course designed to prepare the student to provide/assist with all aspects of activities of daily living for the adult patient in both hospital and nursing home settings. The course, which is taught by a registered nurse, includes didactic instruction, skills practice in the laboratory and clinical experience. Emphasis is also placed on the development of communication, interpersonal, problem solving and critical thinking skills.

Course Name: ELECTROCARDIO TECH 3
8427130

Course Number:

Course Length: Year

Grade Level(s): 12

Pre-requisites: Academy of Health Professions Program Acceptance

Course Description: This course prepares students to be employed as Electrocardiograph Technicians. Content includes, but is not limited to, a foundation in the cardiovascular system, safety measures for the individual, co-workers and patients as well we training in the appropriate theories and instruments used by an Electrocardiograph Technician.