

Curriculum Guide School Year 2024-2025



SEMINOLE RIDGE HAWKS

Our mission is to engage all students in a superior education through which they may achieve their highest potential.

SEMINOLE RIDGE COMMUNITY HIGH SCHOOL

4601 Seminole Pratt-Whitney Road

Westlake, FL 33470

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Introduction

This Curriculum Guide contains the course offerings, graduation requirements, and other information you should have to make appropriate choices for a meaningful high school experience. Course selections should be made only after careful consideration of your personal interests, abilities, and future goals. Prior to selecting your courses for next year, you should review the graduation requirement and policies outlined in this guide. You are encouraged to consult with the staff of our school on any aspect of curriculum choice on which you desire information or assistance. Seminole Ridge Community High School is committed to engage all students in a superior education through which they may achieve their highest potential.

Please feel free to contact the School Counseling office for additional information, 561-422-2610.

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ATTENTION NEW STUDENTS

The following is required in order to register at Seminole Ridge School:

1. **Residence:** Students must attend the designated school within the attendance boundary where the parents live, unless the student is granted an official School Reassignment by the School District of Palm Beach County. Parents must provide proof of residence by presenting at least three forms of documentation such as a property tax bill or a rental agreement showing payment, a recent utility bill, and a driver's license showing the correct address. Proof of residency may again be requested at any time during the student's enrollment at Seminole Ridge Community High School.

2. Health Policy:

A. Immunizations- Parents MUST have their child's immunization records on the Florida HRS 680 form. Out-of-state parents may take their child's immunization records to one of the health clinics to have the information transferred to the appropriate form. No other documents are acceptable. Local physicians have the appropriate forms on hand, courtesy of the PBC Public Health Unit, for records completed by the family's personal physician. The required shots for each student are as follows: DPT-5 doses required and Tetanus booster (TD); Polio (TOPV)-4 doses required; MMR- 2 doses required; Hepatitis B series. Exemptions to the above requirements are allowed as delineated in the Administrative Directives (e.g., religious or medical reasons)

B. Physical examinations are required for transfers from another county/state/country. They must have been performed within the last 12 months of school entry to be valid. The following documents are acceptable for proof of the physical.

- Completed Florida HRS form 3040 signed by either a local physician or the local health department. Parents may obtain a complete physical from local health clinics.
- Completed out-of-state physical examinations recorded on that state's HRS form (this must be unaltered original).
- Proof of a scheduled appointment for a physical (a 30-day temporary is issued to allow the child in school). If the physical IS NOT performed within the time limit allowed, the child must be withdrawn from school.
- Copies of the student record indicating a physical was performed within the required time period of one year (30-day temporary is issued to allow the child in school). If the receiving school **does not** receive the official school records within the time allowed, the child will be withdrawn.

3. **Transcripts:** Please provide a report card or transcript from your previous school.



Requirements for Graduation

*BELOW ARE THE MINIMUM REQUIREMENTS NEEDED FOR HIGH SCHOOL GRADUATION,

*ADDITIONAL REQUIREMENTS ARE NEEDED FOR COLLEGE/UNIVERSITY ADMISSIONS

*A total of **24 credits** are needed for graduation. These credits must include:

ENGLISH: 4 credits

MATHEMATICS: 4 credits (must include *Algebra I & Geometry* credits)
(GRADE 8 students taking high school Algebra I or Geometry will earn high school credit and that credit will count as **one** of the four mathematics credits that must be earned in grades 9-12.)

SCIENCE: 3 credits (must include one equally rigorous Physical Science, Biology, & one Science Elective)

SOCIAL STUDIES: 3 credits (must include World History, U.S. History, ½ American Government, ½ Economics credit)

PHYSICAL EDUCATION: 1 credit (½ credit of PERSONAL FITNESS and ½ credit of a P.E. class or 1.0 credit of H.O.P.E.)

PERFORMING/FINE ART: 1 credit

PERSONAL FINANCIAL LITERACY: .50 credit for Class of 2027 and beyond

ELECTIVES: 8.0 credits (7.5 credits for Class of 2027 and beyond)

- A cumulative grade point average of 2.0 is needed in ALL high school credit courses.
- A passing score is needed on the 10th grade FAST ELA Reading and Algebra I or Geometry EOC.
- 20 hours of community service/volunteer hours completed in high school

Academic Policies

PROGRESS MONITORING PLANS

According to state and district directives, a student must have a Progress Monitoring Plan (PMP) if the student is functioning below grade level and not on track for graduation. We request that parents take an active part in understanding this plan, monitoring the child's attendance, and monitoring the child's commitment to homework and course study, in order to assist the child to improve his/her academic performance. Students who are below grade level and not on track for graduation may be required to take an intensive reading class and/or retake academic courses in place of other electives.



ATTENDANCE

Any student who has not been in attendance for instruction for a minimum of 135 hours may not be awarded a credit, unless the student has demonstrated mastery of the student performance standards in the course of study as provided by the rules of the district school board.

GRADE POINT AVERAGE (GPA)

Palm Beach County's grading system is based on a 4-point scale (A=4, B=3, C=2, D=1, F=0) for all regular courses.

GRADING SCALE:

A = 100 - 90

B = 89 - 80

C = 79 - 70

D = 69 - 60

F = 59 - 0

HONORS POINT AVERAGE (HPA)

Grade values for honor classes are determined by using the following multiplier times the regular four point scale: 1.125 x grade. Advanced placement courses use 1.50 x grade.

<u>HONORS</u>	<u>AP/AICE/Dual Enrollment</u>
A=4.5	A=6
B= 3.375	B=4.5
C=2.25	C=3.0
D=1.125	D=1.5

REPEATING OF COURSES

A student may repeat any course in which he/she received a grade of "D" or "F" in order to raise his/her GPA. A grade of "C" or higher is required to remove the previous "D" or "F" from cumulative GPA. If the repeat grade is a "D" or "F", both the original and repeat grade will remain in the cumulative GPA. All courses taken remain on transcript.

FLORIDA VIRTUAL SCHOOL

FLVS provides an excellent opportunity for students to complete required courses and/or make up courses for which they have previously failed. These courses are to be taken off-campus. A full menu of courses is available at www.flvs.net. For information, please visit the website or speak with a School Counselor.



EDGENUITY (“Credit Recovery”)

Edgenuity is a “credit recovery” program offered at SRHS. Edgenuity courses are computer based and must be completed in one of our on-campus computer labs. Students can take these courses either during the school day or after school.

Testing Programs

The following are some of the standardized tests that our school administers and coordinates for high school students.

PSAT/NMSQT – Preliminary Scholastic Aptitude Test

The PSAT is a test that may be taken by freshmen, sophomores, or juniors. It is administered only once per year in October. The testing date is set by the College Board and may not be changed or altered. Scores earned in the junior year determine eligibility for consideration in the National Merit Scholarship Program. Fee and registration information may be obtained through the School Counseling Department. Palm Beach County School District administers the PSAT to all freshmen and sophomores at no cost.

CLT - Classic Learning Test

The CLT is an online college entrance exam for 11th and 12th graders. Accepted at hundreds of colleges across the US, the CLT is an alternative to the SAT® and ACT®. The CLT contains three sections: Verbal Reasoning, Grammar & Writing, and Quantitative Reasoning. Scores can be used to meet graduation requirements, college admissions requirements and Bright Futures scholarship requirements. **Students are encouraged to register online at www.cltexam.com.**

SAT – Scholastic Aptitude Test

The SAT is a college-screening test made up of three separate timed sections: critical reading, mathematics and writing. Completion with satisfactory scores is required for college entry. Fee and registration information and practice booklets may be obtained in the School Counseling office. Scores can be used to meet graduation requirements, college admissions requirements and Bright Futures scholarship requirements. **Students are encouraged to register online at www.collegeboard.com.** Fee waivers are available through Mrs. MacGillycuddy for students who have qualified for free/reduced lunch.

ACT- American College Test

The ACT is a four-part test used primarily for college screening. The four parts include English, mathematics, reading, and science reasoning. Check with the college of your choice to see if a



writing component is required. Completion with satisfactory scores is required for college entry. Fee and registration information and practice booklet may be obtained through the School Counseling Department. **Students are encouraged to register online at www.act.org.** Fee waivers are available through Mrs. MacGillycuddy for students who have qualified for free/reduced lunch. Scores can be used to meet graduation requirements, college admissions requirements and Bright Futures scholarship requirements.

ASVAB- Armed Service Vocational Aptitude Battery & Career Exploration Program

The [ASVAB](#) can be taken by sophomores, juniors and seniors. The test consists of eight short individual tests and measures aptitudes (Verbal Skills, Math Skills, and Science & Technical Skills) that are related to success in different careers. Students can use their scores to match their interest and skills with occupations and to determine the job requirements and educational training needed for specific occupations. Scores can also qualify a student for certain jobs and training in the Armed Forces.

Students should consult college catalogs and/or a counselor to determine which college entrance examination is appropriate for their needs.

State University Entrance Requirements

The **Minimum** State of Florida requirements for state university entrance include:

- ❖ At least the equivalent of a 3.0 grade point average on a 4.0 scale (as recalculated by the University), plus SAT or ACT score **OR** 2.5 – 2.99 high school GPA or higher on a 4.0 scale (as recalculated by the University plus at least the minimum scores of either the SAT Reasoning Test or ACT as outlined below.
- ❖ SAT - Evidenced Based Reading ≥ 460 or ACT – Reading ≥ 19 and
- ❖ SAT - Mathematics ≥ 460 or ACT Mathematics ≥ 19
- ❖ At least the following secondary academic units
 - 4 credits - English/Language Arts
 - 4 credits - Mathematics (Algebra 1, Geometry, Algebra 2, and one beyond Algebra 2)
 - 3 credits - Natural Science
 - 3 credits - Social Science
 - 2 credits - Foreign Language (must be the same Foreign Language)
 - 2 additional academic credits (English, Math, Science, Social Science, or Foreign Language)

A weighted high school grade point average will be recalculated by the university using a 4.0 scale from grades earned in high school academic core courses in designated subject areas. Admission eligibility will be determined from a sliding scale that involves this recalculated grade point average and the SAT or ACT test score.



Each university has requirements in addition to those stated. Satisfying minimum requirements does not assure acceptance. Acceptance to university or college is contingent upon the college's evaluation of the final transcript.

Bright Futures Scholarships

This program was passed by the 1997 Legislature to reward Florida high school graduates who merit recognition of high academic achievement. Bright Futures consists of three awards: Academic Scholars Award, Medallion Award, and the Gold Seal Vocational Scholars Award. Students who receive a Bright Futures scholarship may enroll in any eligible Florida public or independent postsecondary vocational-technical institution, community college or university within 3 years of graduation from high school. Please visit the website for more information www.floridastudentfinancialaid.org.

Course Levels

Advanced Placement Program

The Advanced Placement Program administered by the College Board provides qualified students with the opportunity to take college level courses on the high school campus. These courses, taught by high school teachers, include stringent college level curriculum experiences and culminate in a standardized examination. The examination fees are paid by the School District of Palm Beach County, provided the student is enrolled in the course. Students who demonstrate the required level of proficiency on the examination may be eligible for college credit in that particular subject area. If the student does not take the AP exam their credit for the entire year will shift down to honors-level HPA credit from college-level credit. Eligible students are identified based on PSAT/SAT/ACT scores, grade point average, teacher recommendation, and readiness to engage in post-secondary academic work. Students must have proficient reading and math scores and be willing to dedicate extensive personal time to completion of reading and coursework.

AP Courses at Seminole Ridge High School

- AP Biology
- AP Calculus AB/BC
- AP Computer Science Principles
- AP English Literature
- AP Macroeconomics
- AP Music Theory
- AP Precalculus
- AP Statistics
- AP US Government



Cambridge AICE Program

The Cambridge Advanced International Certificate of Education (AICE) Program is an international, pre-university program developed by the University of Cambridge in England. These courses are rigorous and the accelerated curriculum is designed to award college credit upon successful completion of an International Standard Exam.

AICE Diploma Award

In order to earn an AICE International Diploma Award, students must pass **seven credits worth of AICE examinations** within a twenty-five month period (three school years). At least one examination must come from each of the three subject groups: Mathematics & Sciences, Languages, and Arts & Humanities as well as Global Perspectives & Research. By earning the AICE Diploma and completing 100 hours of community service or work hours during the high school years, a student will qualify for the Florida Bright Futures Scholarship Program which includes 100% tuition at a Florida public institution.

To be considered for an AICE Diploma, Learners will have to achieve a minimum of 7 credits (including Cambridge International AS Level Global Perspectives & Research) from subject groups 1, 2, and 3 (and optionally Group 4) to be awarded the Diploma. Learners must achieve at least one credit from each of Groups 1, 2 and 3. The remaining credits can come from any of the groups. A maximum of two credits can count from Group 4. A Cambridge International AS Level is awarded one credit. Please visit the [AICE Website](#) for more information.

AICE Courses at Seminole Ridge High School

- Core Course (Required): AS Global Perspectives and Research
- Group 1 (Mathematics and Science): AS and A Level Mathematics, AS Environmental Management, AS and A Level Marine Science, AS and A Level Psychology, AS Chemistry, AS Physics
- Group 2 (Languages): AS English Language, AS Spanish Language, AS French Language, A Level Spanish Language & Literature
- Group 3 (Arts and Humanities): AS Level Art & Design: Ceramics, AS Level Art & Design: Painting, AS Drama, AS Literature in English, AS International History, AS and A level Media Studies, AS and A Level Psychology, AS and A Level Travel and Tourism, AS and A Level U.S. History, AS Spanish Language & Literature, AS and A level Classical Studies
- Group 4 (Interdisciplinary and Skills-based Subjects): A Level Global Perspectives and Research, AS and A Level Thinking Skills, AS General Paper

Students who do not take the AP and/or AICE examination will not receive AP/AICE weighting for the course(s). The course code will remain the same; however, the weighting will be changed to honors level 1.125.



Dual Enrollment & Early Admission

The Dual Enrollment Program provides an opportunity for students to earn high school and college credit simultaneously, at no cost to the student! Credits earned in the college courses may be used for elective credit toward the high school diploma and for college credit. A grade of "C" or better must be earned in order for the credit to be transferred. The following requirements must be met for participation in the program:

- **Student must have a 3.0 overall GPA**
- **Student must take the PSAT, SAT, ACT or PERT and meet the minimum required score**
- **Student must register and attend a mandatory information session at PBSC prior to course registration**

At the end of junior year, students with exceptional academic qualifications with a **3.2 GPA** may apply for Early Admission at Palm Beach State College. Students will take all of their senior courses at Palm Beach State College and will not be permitted on the SRHS campus during the school day hours. Special permission from the principal, school counselor, and parents are required. Dual enrollment classes become part of the permanent college transcript and may impact eligibility for financial assistance. For additional information on these opportunities, please visit www.palmbeachstate.edu/dualenroll, the school counseling department google classrooms or see a school counselor.



CAREER CHOICE ACADEMY PROGRAMS

Seminole Ridge Community High School currently offers 4 Choice Academies that any Palm Beach County student can apply for:

- Army JROTC
- Biotechnology Academy
- Construction Academy
- TV Production Academy

Students assigned to attend Seminole Ridge Community High School because they live within the school attendance boundaries or because they are accepted into a choice academy may apply to participate in the IN-HOUSE academies offered at the school.

The following In-House Academies are offered at Seminole Ridge High School:

- Automotive Academy**
- Information Technology Academy**

** In House Academy Applications may be available after the lottery if there are open seats in the academy.

Questions?

Academy Coordinator Contact:

Tamara Licavoli

561-422-2716

tamara.licavoli@palmbeachschools.org



COURSE SELECTION

Student Placement

Students are placed in the required academic courses according to teacher recommendations, grades from pre-requisite courses, and scores on standardized tests.

Course Requests & Scheduling

During the second semester (February/March), students will submit their course requests for the next school year. All elective requests must have the necessary teacher recommendations. Student schedules will then be created and be available the first day of school in August. Parents should be involved in students' selection of classes. Students will be expected to remain in selected classes for the entire school year.

Schedule Changes

Schedule changes are considered during the first 2 weeks of each semester. Schedule changes are considered on an individual student basis. Changes will be made only if:

- ❖ Student is in the wrong level class (ex. Eng 2 H instead of Eng 4 H) or they have not met the prerequisites for the class
- ❖ Student has already completed the class
- ❖ Student does not have a complete schedule
- ❖ Student needs a course to fulfill graduation requirements (Seniors only)

Unfortunately, schedule changes are not granted for elective classes or to accommodate teacher preference, lunch preference, or period preference.



COURSE DESCRIPTIONS

Please review the descriptions for more information about each course. Course offerings are subject to change.

ENGLISH/LANGUAGE ARTS

ENGLISH 2 1001350

LEVEL: Honors

COURSE DESCRIPTION: English 2 provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Content includes instruction in reading literature and vocabulary necessary to comprehend printed materials; the writing of essays for various purposes and audiences, using literary and non-literary subjects; prepared and timed writings, utilizing all elements of the writing process where appropriate. Technology is incorporated into all aspects of the course.

ENGLISH 3 1001380

LEVEL: Honors

COURSE DESCRIPTION: English 3 provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Composition instruction includes frequent practice in writing various LEVELs of multiparagraph papers, including documented papers/projects. Referencing and summarizing skills will be stressed as well as all phases of the writing process (prewriting, drafting, revising, editing and publishing). The course will include the analysis of representative examples of American literary works in various genres, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, viewing, observing, researching, and writing assignments are related to the study of American literature when appropriate. Technology is incorporated into all aspects of the course.

ENGLISH 4 1001400

LEVEL: Honors

COURSE DESCRIPTION: The purpose of this course is to provide grade 12 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. The content includes, but is not limited to: active reading of varied texts for what they say explicitly as well as the logical inferences that can be drawn, analysis of literature and informational texts from varied literary periods to examine, writing for varied purposes, effective listening, speaking, and viewing strategies with emphasis on the use of evidence to support or refute a claim, and collaboration amongst peers.



AICE GENERAL PAPER AS 1009400

LEVEL: AICE (AS LEVEL)

PREREQUISITE: Successful completion of 8th grade Language Arts/English Honors

COURSE DESCRIPTION: The purpose of this course is to encourage students to make cross-curricular links; to develop a maturity of thought appropriate to students at this level; and to the achieve an understanding and usage of the English language which enables them to express arguments, ideas and opinions in a reflective and academic manner. An awareness of the wider implications of particular issues will enhance the quality of the student's response to the questions; the General Paper is not a test of general knowledge. The key objective is for the student to convey information or opinion in a way that is thoughtful, perceptive and immediately intelligible to the reader.

AICE ENGLISH LANGUAGE AS 1001550

LEVEL: AICE (AS LEVEL)

PREREQUISITE: Successful completion of AICE General Paper and demonstrated ability

COURSE DESCRIPTION: The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones. The content should include, but not be limited to, the following: using the writing process for various purposes with attention to style and format; using effective listening, speaking, and viewing strategies in informal and formal situations; understanding the power of language as it impacts readers, writers, listeners, viewers, speakers, and society as a whole; and responding critically and aesthetically to fiction and nonfiction.

AICE ENGLISH LITERATURE 1 AS 1005370

LEVEL: AICE (AS/AL LEVEL)

PREREQUISITE: Successful completion of AICE General Paper and demonstrated ability

COURSE DESCRIPTION: The syllabus enables learners to read, interpret and evaluate texts through the study of literature in English. Learners develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they learn to recognize and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied. The syllabus also encourages the exploration of wider and universal issues, promoting learners' better understanding of themselves and of the world around them.

ADVANCED PLACEMENT LITERATURE & COMPOSITION 1001430 LEVEL: ADV PL

PREREQUISITE: Successful completion of an AICE/AP English course and teacher recommendation



COURSE DESCRIPTION: This course involves students in the study and practice of writing and in the study of literature. Students will learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and an understanding of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. The content includes, but is not limited to that determined by the Advanced Placement Program.

MATHEMATICS

ALGEBRA 1 1200320

LEVEL: Honors

COURSE DESCRIPTION: In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

ALGEBRA 1A 1200370

LEVEL: Regular

PREREQUISITE: Teacher recommendation

COURSE DESCRIPTION: The purpose of this course is to strengthen basic mathematical skills to assist student success in Algebra 1 and beyond.

GEOMETRY HONORS 1206320

LEVEL: Honors

PREREQUISITE: Successful completion of Algebra 1 Honors and scored a Level 4-5 on the Algebra 1 EOC with teacher recommendation

COURSE DESCRIPTION: In Geometry Honors, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.



MATH FOR COLLEGE LIBERAL ARTS 1207350

LEVEL: Regular

COURSE DESCRIPTION: Instructional time will focus on analyzing and applying linear, exponential functions and geometric concepts to real world problems. Students will learn to work with and interpret one and two variable data, extend their knowledge of probability, logic and set theory.

ALGEBRA 2 HONORS 1200340

LEVEL: Honors

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

PREREQUISITE: Successful completion of Algebra 1 & Geometry and teacher recommendation

COURSE DESCRIPTION: In Algebra 2 Honors, instructional time will emphasize six areas: (1) developing understanding of the complex number system, including complex numbers as roots of polynomial equations; (2) extending arithmetic operations with algebraic expressions to include polynomial division, radical and rational expressions; (3) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic; (4) extending systems of equations and inequalities to include non-linear expressions; (5) building functions using compositions, inverses and transformations and (6) developing understanding of probability concepts.

MATH FOR COLLEGE ALGEBRA 1200710

LEVEL: Regular

COURSE DESCRIPTION: Instructional time will focus on developing a more thorough understanding of Laws of Exponents and in solving one variation equations, which includes exponents, logarithms, radicals and rational equations, for real world situations. Students will also be extending knowledge of rational and polynomial expressions while also modeling and applying functions individually, as systems of linear equations and inequalities.

MATH FOR DATA & FINANCIAL LITERACY 1200384/1200388

LEVEL: Reg/Honors

COURSE DESCRIPTION: Instructional time will focus on developing a more thorough understanding of ratios, proportions and functions in regards to data and finances which can then be used to develop understanding economic and accounting principles. This knowledge will help in learning about credit accounts, loan types, different types of future financial planning tools and then extending this knowledge into creating reports, evaluating them and making predictions.



ADVANCED PLACEMENT PRECALCULUS 1202305

LEVEL: ADV PL

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

PREREQUISITE: Algebra 1, Geometry, Algebra 2, teacher recommendation

COURSE DESCRIPTION: Students should develop and apply the described skills on a regular basis over the span of the course. Each of the three mathematical practices for AP Precalculus have associated skills. These practices are as follows: (1) Procedural and Symbolic Fluency Practice, (2) Multiple Representations Practice, and (3) Communication and Reasoning. The course content is organized into units of study that provide a suggested sequence for the course. AP Precalculus Exam Topics that are covered are: (Unit 1) Polynomial and Rational Functions, (Unit 2) Exponential and Logarithmic Functions, and (Unit 3) Trigonometric and Polar Functions.

STATISTICS HONORS 1210300

LEVEL: Honors

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

PREREQUISITE: Algebra 2

COURSE DESCRIPTION: The purpose of this course is to explore the concepts of probability, elementary statistics and hypothesis testing. The content should include, but not be limited to the following: exploring data, including observing patterns and departures from patterns; planning a study, including deciding what and how to measure; anticipating patterns in advance, including producing models using probability and simulation; and statistical inference, including confirming models.

ADVANCED PLACEMENT STATISTICS 1210320

LEVEL: ADV PL

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

PREREQUISITE: Successful completion of Algebra 1, Geometry, Algebra 2, and Trigonometry & Analytic Geometry or PreCalculus with teacher recommendation

COURSE DESCRIPTION: The purpose of this course is to explore the concepts of statistics and data distribution. The content should include, but not be limited to the following: exploring data, including observing patterns and departures from patterns; planning a study, including deciding what and how to measure; anticipating patterns in advance, including producing models using probability and simulation; and statistical inference, including confirming models.



ADVANCED PLACEMENT CALCULUS AB 1202310**LEVEL: ADV PL**

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

PREREQUISITE: Successful completion of Algebra 1 Honors, Geometry Honors, Algebra 2 Honors, and Trigonometry & Analytic Geometry or Pre-Calculus with teacher recommendation

COURSE DESCRIPTION: The purpose of this course is to study algebraic and transcendental functions and the general theory and techniques of calculus. The content should include, but not be limited to the following: the content specified by the Advanced Placement Program.

ADVANCED PLACEMENT CALCULUS BC 1202320**LEVEL: ADV PL**

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

PREREQUISITE: Successful completion of Algebra 1 Honors, Geometry Honors, Algebra 2 Honors, and Trigonometry & Analytic Geometry or Pre-Calculus with teacher recommendation

COURSE DESCRIPTION: The purpose of this course is to study algebraic and transcendental functions and the general theory and techniques of calculus. The content should include, but not be limited to the following: the content specified by the Advanced Placement Program.

AICE MATH & PROBABILITY & STATISTICS 1202362**LEVEL: AICE (AS LEVEL)**

PREREQUISITE: Algebra 2 Honors

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

COURSE DESCRIPTION: This course is designed to provide accelerated students with a strong foundation of precalculus and calculus as well as statistics topics. They will develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject. AICE Mathematics will prepare students to take two Cambridge exams.

AICE MATH & PROBABILITY & STATISTIC 1202364**LEVEL: AICE (AL LEVEL)**

PREREQUISITE: Algebra 2 Honors, Passing score on AS Mathematics Exam recommended

TECHNOLOGY REQUIREMENT: TI-84 Plus Graphing Calculator

COURSE DESCRIPTION: AICE Mathematics 2 is designed to provide accelerated students with a continuation of pre-calculus and calculus skills as well as statistics topics. They will develop an understanding of mathematical principles and an appreciation of mathematics as a logical and coherent subject.



COLLEGE ALGEBRA MAC1105**LEVEL: D/E**

PREREQUISITE: Successful completion of Algebra 1, Geometry, Algebra 2, teacher recommendation

COURSE DESCRIPTION: This is a college-level math course taken on the Seminole Ridge campus, and it includes the following topics: functions and functional notation; domains and ranges of functions; graphs of functions and relations; operations on functions; inverse functions; linear, quadratic, and rational functions; absolute value and radical functions; exponential and logarithmic properties, functions, and equations; systems of equations and inequalities; applications (such as curve fitting, modeling, optimization, exponential and logarithmic growth and decay).

SCIENCE

ENVIRONMENTAL SCIENCE 2001341**LEVEL: Honors**

COURSE DESCRIPTION: This course provides students with the opportunity to understand the following concepts: scientific analysis; interdependence of earth's systems; fundamental principles and concepts; human population dynamics; renewable and nonrenewable resources; distribution, ownership, use degradation; environmental quality; global changes and their consequences; environment and society: trade-offs and decision making; choices for the future. Laboratory investigations and research of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of the course.

BIOLOGY 1 HONORS 2000320**LEVEL: Honors**

PREREQUISITE: Successful completion of Alg 1 with teacher recommendation

COURSE DESCRIPTION: This course provides students with the opportunity to understand the following concepts at an advanced level: the cell, matter and energy in living systems, molecular basis of heredity, biological evolution, interdependence of organisms, nervous system and behavior of organisms, science inquiry, science as technology, science in personal and social perspectives, science as a human endeavor, nature of scientific knowledge, and historical perspectives. Opportunities to use equipment, materials, supplies, and other resources for experimentation and direct investigation of phenomena will incorporate the scientific method, processes of science, and safety.



CHEMISTRY 1 HONORS 2003350**LEVEL: Honors**

PREREQUISITE: Biology, Algebra, and teacher recommendation

COURSE DESCRIPTION: This course provides students with a rigorous study of the composition, properties and changes associated with matter. Content includes, but is not limited to: heat, changes of matter, atomic structure, the periodic table, bonding, formulas and equations, the mole concept, gas laws, energy and order, reaction rates and equilibrium, solutions: acids, bases and salts, nuclear chemistry, electrochemistry, and organic chemistry. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of the course.

AICE CHEMISTRY 2003371**LEVEL: AICE (AS LEVEL)**

PREREQUISITE: Algebra 1, Algebra 2, Chemistry 1 Honors

COURSE DESCRIPTION: Cambridge International AS Level Chemistry develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness. They acquire the essential scientific skills required for progression to further studies or employment. The key concepts for Cambridge International AS Level Chemistry are: Atoms and Forces, Experiments & Evidence, Patterns in Chemical Behavior and Reactions, Chemical Bonds, Energy Changes.

ANATOMY & PHYSIOLOGY HONORS 2000360**LEVEL: Honors**

PREREQUISITE: Biology

COURSE DESCRIPTION: This course provides students with exploratory and advanced activities in the structures and functions of the components of the human body. The content includes, but is not limited to, cellular processes and tissues, the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary and reproductive systems, and special senses. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of the course.

MARINE SCIENCE 1 HONORS 2002510**LEVEL: Honors**

PREREQUISITE: Biology, Physical Science

COURSE DESCRIPTION: This course provides students with an overview of the marine environment. Content includes, but is not limited to, the nature of science, the origin of the oceans, the chemical, physical, and geological aspects of the marine environment, ecology of various sea zones, marine



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communities, the diversity of marine organisms, characteristics of major marine ecosystems, characteristics of major marine phyla, and the interrelationship between man and the ocean. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus and safety procedures, are an integral part of the course.

PHYSICAL SCIENCE 1 HONORS 2003320

LEVEL: Honors

COURSE DESCRIPTION: This course provides students with the opportunity to study matter and energy. It is a basis for the further study of biology, chemistry, and physics. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.. Topics to be studied include, but are not limited to, matter; the periodic table; elements, mixtures, and compounds; chemical reactions; light and electromagnetic spectrum; energy and heat; and motion, Newton's laws and momentum.

EARTH SPACE SCIENCE 1 HONORS 2001310

LEVEL: Honors

COURSE DESCRIPTION: The purpose of this integrated science course is to develop comprehensive concepts and to provide students with the opportunity to do investigative studies of concepts basic to Earth, its materials, processes, history, and environment in space. Students will be able to explore the theories and laws associated with the natural physical and chemical properties of matter.

GENETICS/FORENSIC SCIENCE HONORS 2000440

LEVEL: Honors

PREREQUISITE: Teacher recommendation; successful completion or concurrent enrollment in Chemistry

COURSE DESCRIPTION: Genetics will provide students with an in-depth study of the science behind crime-scene investigation. Topics will include, but not be limited to; crime-scene reconstruction, glass and

soil analysis, organic analysis, hair and fiber analysis, forensic anthropology, drug analysis, forensic anthropology, drug analysis, forensic toxicology, forensic serology, DNA Analysis, fingerprint analysis, ballistics, and document analysis.

AICE ENVIRONMENTAL MANAGEMENT 2001381

LEVEL: AICE (AS LEVEL)

PREREQUISITE: Teacher recommendation; successful completion of Biology

PRE OR COREQUISITE: Chemistry

COURSE DESCRIPTION: Cambridge International AS Level Environmental Management is accepted by universities and employers as proof of knowledge and understanding of the key issues affecting the environment on a variety of scales. Through their study, candidates gain lifelong skills and awareness including: a knowledge of environmental processes and the impacts of societies on the environment, the scientific principles that underpin issues of sustainability and environmental management, the causes of



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key issues affecting the environment as well as possible ways of managing these, the pressures which impact on the environment and potential solutions to these. The syllabus is designed to encourage learning through suitable case studies, both local and global. The syllabus provides a good foundation for further study of Environmental Science and Management or related subjects in higher education. It is suitable for candidates of various ages, backgrounds and nationalities and contributes towards general education and lifelong learning. Candidates do not need to have studied environmental science/management before taking this course. The course is designed to attract candidates with a good scientific background along with an awareness of broad environmental matters. A good foundation for the course would be a combination of some, but not necessarily all of the following: biology, geography, general science, physics, chemistry, environmental science and management.

AICE MARINE SCIENCE 1 2002515**LEVEL: AICE (AS LEVEL)**

PREREQUISITE: Teacher recommendation; successful completion of Biology
PRE OR COREQUISITE: Chemistry

COURSE DESCRIPTION: The purpose of this course is the scientific study of the sea and its ecosystems. The content of the course should actively seek to develop, but not be limited to, the following abilities and qualities: recognize the usefulness, and limitations, of scientific method and to appreciate its applicability in other disciplines and in everyday life; enhance understanding of the relevance of marine science to society; develop abilities and skills that are relevant to the study and practice of marine science, are useful in everyday life, and encourage effective communication; develop objectivity, integrity, initiative, and the skills of scientific inquiry; stimulate interest in and care for the local and global environment and understand the need for conservation; promote awareness that the scientific theories and methods have developed, and continue to do so, as a result of co-operative activities of groups and individual.

AICE MARINE SCIENCE 2 2002535**LEVEL: AICE (AL LEVEL)**

PREREQUISITE: Teacher recommendation; successful completion of AICE Marine 1

COURSE DESCRIPTION: The purpose of this course is the scientific study of the sea and its ecosystems. The content of the course should actively seek to develop, but not be limited to, the following abilities and qualities: recognize the usefulness, and limitations, of scientific method and to appreciate its applicability in other disciplines and in everyday life; enhance understanding of the relevance of marine science to society; develop abilities and skills that are relevant to the study and practice of marine science, are useful in everyday life, and encourage effective communication; develop objectivity, integrity, initiative, and the skills of scientific inquiry; stimulate interest in and care for the local and global environment and understand the need for conservation; promote awareness that the scientific theories and methods have developed, and continue to do so, as a result of co-operative activities of groups and individual.

AICE PHYSICS 1 2003431**LEVEL: AICE (AS LEVEL)**

PREREQUISITE: Teacher recommendation; successful completion of Algebra 2



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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. 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.

ADVANCED PLACEMENT BIOLOGY 2000340

LEVEL: ADV PL

PREREQUISITE: Biology, demonstrated ability, and/or teacher recommendation

COURSE DESCRIPTION: This course provides a study of the facts, principles, and processes of biology, and the collection, interpretation, and formulation of hypotheses from available data. The content includes, but is not limited to, that determined by the Advanced Placement program. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus and safety procedures, are an integral part of the course.

SOCIAL STUDIES

WORLD HISTORY HONORS 2109320

LEVEL: Honors

COURSE DESCRIPTION: This course provides students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Topics include, but are not limited to, an understanding of geographic-historic and time-space relationships, the use of arbitrary periodization in history, a review of prehistory, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophies, the interaction of science and society, the development of nationalism as a global phenomenon, the origin and course of economic systems and philosophies, the influence of major historical figures and events, and contemporary world affairs.

AICE INTERNATIONAL HISTORY 1 2100490

LEVEL: AICE (AS LEVEL)

Note: This course will satisfy the World History graduation requirement

PREREQUISITE: Successful completion of AICE General Paper and teacher Recommendation

COURSE DESCRIPTION: Cambridge International AS and A Level History is a flexible and wide-ranging syllabus covering modern history in the nineteenth and twentieth centuries. The emphasis is on both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. AICE International History will discuss international relations from 1870-1945.



U.S. HISTORY 2100320 HONORS

LEVEL: Honors

COURSE DESCRIPTION: This course provides students with the opportunity to acquire an understanding of the chronological development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of our nation from Revolutionary times to the present. Topics include, but are not limited to, a review of the westward expansion of American settlements, the origin of American ideals, the American Revolution and Declaration of Independence, the formation of the Constitution and the federal system, sectional schisms in American life, the Civil War and Reconstruction. Specific in-depth content to be covered will include, but not be limited to, an understanding of time-space relationships, the synthesizing of American culture from the mid-nineteenth century to the present, the interpretive evolution of the Constitution from 1800 to the present, the technological and urban transformation of the country in the last part of the 19th century, the evolution of American lifestyles and ideals from 1800 to the present, the development of the American economy from the mid-nineteenth century to the present, and contemporary domestic and foreign issues.

AICE UNITED STATES HISTORY 1 2100500

LEVEL: AICE (AS LEVEL)

PREREQUISITE: World History or AICE International History & teacher recommendation

COURSE DESCRIPTION: The emphasis is on both historical knowledge and on the skills required for historical research. Students learn about cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. Students will learn about the Origins of the Civil War, causes and consequences of the Civil War, Reconstruction, the Gilded Age, the Progressive Era, the Roaring Twenties, and the Great Depression.

AICE UNITED STATES HISTORY 2 2100505

LEVEL: AICE (A LEVEL)

PREREQUISITE: Passing score on AS International History Exam or AICE US History AS Level & teacher recommendation

COURSE DESCRIPTION: The emphasis is on both historical knowledge and on the skills required for historical research. Students learn about cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. Students will study the Cold War and differing interpretations that historians have produced, with a particular focus on "Who was to blame for the Cold War? In addition, students will focus on events from the 1940s to the 1990s covering topics such as the economics and politics of the eras, the Cold War, and the Civil Rights Movement.

AMERICAN GOVERNMENT HONORS 2106320

LEVEL: Honors

COURSE DESCRIPTION: This course provides students with the opportunity to acquire a comprehensive understanding of American government and political behavior. Topics include, but are not limited to, an evaluation of those documents which shape our political traditions and the Declaration of Independence, the Constitution, and the Bill of Rights, an analysis of the roles of the three branches of



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government at the local, state, and national levels, a comparative view of the changing nature of political parties and interest groups over time in determining government policy, an evaluation of the changing nature of citizen rights and responsibilities in a democratic state, and the importance of civic participation in the democratic political process.

ECONOMICS HONORS 2102345

LEVEL: Honors

COURSE DESCRIPTION: This course provides students the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other LEVELS of economic systems with particular attention to the American mixed market system. The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems. Topics include, but are not limited to, economic understanding in reaching decisions in the marketplace; the role and impact of economic wants, scarcity and choices; opportunity costs and trade-offs; economic incentives; specialization; comparative advantage; interdependence; the role of pricing and price determination; LEVELS of market failures; savings and investment; the role and function of government and governmental policy; the function of money and financial institutions; labor; supply and demand; and the distinction between micro and macroeconomic problems.

ADVANCED PLACEMENT AMERICAN GOVERNMENT 2106420

LEVEL: ADV PL

PREREQUISITE: World History, American History and teacher recommendation

COURSE DESCRIPTION: This course provides students with the opportunity to acquire a critical perspective of government and politics in the United States. This is done by analyzing both the general and specific aspects of American government. The content includes, but is not limited to, a study of federalism, the role of political parties and interest groups, formal and informal governmental structures and institutions, the nature of public opinion, and the evolution of civil liberties and civil rights.

ADVANCED PLACEMENT MACROECONOMICS 2102370

LEVEL: ADV PL

PREREQUISITE: World History, American History and teacher recommendation

COURSE DESCRIPTION: Students understand the choices they must make as producers, consumers, investors, and taxpayers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. The content should include, but not be limited to, the following: fundamental economic concepts including scarcity, opportunity costs and trade-offs, productivity; economic systems and institutions, exchange, money and interdependence; analysis of macroeconomic concepts including gross national product, aggregate supply and demand, unemployment, inflation and deflation, monetary policy, fiscal policy and international economics.



ACADEMY CLASSES

ARMY JROTC

ARMY JUNIOR RESERVE OFFICERS TRAINING CORPS **LEVEL: Regular**
LEADERSHIP EDUCATION TRAINING 1-4 1801300/1801310/1801320/1801340

SPECIAL NOTE: Students must wear uniforms once a week and conform to the US ARMY grooming standards.

COURSE DESCRIPTION: The AJROTC provides developmental courses in leadership theory, drill and ceremonies, hygiene and first aid, map reading, land navigation, techniques of oral communication, marksmanship and safety, staff function and procedures, service/ROTC opportunities and physical readiness, financial literacy, and CPR certification. Students will enroll in the AJROTC classes every year as well as carry a full academic schedule. The AJROTC also has 6 teams that are available for cadets: Marksmanship, Drill, Raiders, Color Guard, Sabor, and JLAB. Upon completion, students are under no obligation to enlist in the armed forces; however, successful completion of the AJROTC program allows entry into the armed forces up to two pay grades higher than other enlistees without AJROTC experience.

AUTOMOTIVE ACADEMY

AUTOMOTIVE SERVICE TECHNOLOGY 1 9504110 **LEVEL: Honors**

COURSE DESCRIPTION: The purpose of this course is to serve as an introduction to automotive and engine systems and prepare students with the skills and knowledge needed.

AUTOMOTIVE SERVICE TECHNOLOGY 2 9504120 **LEVEL: Honors**

PREREQUISITE: Automotive Service Technology 1

COURSE DESCRIPTION: The purpose of this course is to prepare students with the skills and knowledge needed in the operation of the automotive electrical system.

AUTOMOTIVE SERVICE TECHNOLOGY 3 9504130 **LEVEL: Honors**

PREREQUISITE: Automotive Service Technology 2

COURSE DESCRIPTION: The purpose of this course is to prepare students with the skills and knowledge needed in the operation and repair of brakes, steering, suspension, and wheels/tires



AUTOMOTIVE SERVICE TECHNOLOGY 4 9504140**LEVEL: Honors**

PREREQUISITE: Automotive Service Technology 3.

COURSE DESCRIPTION: Students will continue to experience hands-on activities on a variety of vehicle maintenance issues, implementing skills learned in the previous three academy courses. Students will also learn the skills and knowledge needed in the operation of AC, engine performance, and transmissions. They will also continue to investigate apprenticeship opportunities and other post-secondary education options.

BIOTECHNOLOGY

BIOTECHNOLOGY 1 3027010**LEVEL: Honors**

SPECIAL NOTE: This course offers .5 credit in Science and .5 credit in Vocational

COURSE DESCRIPTION: The purpose of this course is to provide exploratory experience which provides hands-on laboratory and real-life applications to the field of Biotechnology. This is a choice program and requires an application with the district. Requirements: \$25 Academy fee (includes academy shirt)

BIOTECHNOLOGY 2 3027020**LEVEL: Honors**

SPECIAL NOTE: This course offers .5 credit in Science and .5 credit in Vocational.

PREREQUISITE: Biotechnology 1

COURSE DESCRIPTION: The purpose of this course is to apply the skills learned in Biotechnology I with an emphasis on the study of DNA and proteins. Scientific research is a major focus as well as hands-on laboratory and real-life applications to the field of Biotechnology. Requirements: \$25 Academy fee

BIOTECHNOLOGY 3 8736030**LEVEL: Honors**

PREREQUISITE: Biotechnology 2

COURSE DESCRIPTION: Laboratory investigations of selected topics in biotechnology will be explored. Use of the scientific method, measurement, laboratory apparatus and critical thinking are an integral part of this course. Inquiry into current technology and applications of scientific principles and their relationship to society is encouraged. Requirements: \$25 Academy fee



BIOTECHNOLOGY 4 - AGRICULTURAL BIOTECHNOLOGY 8106850 LEVEL: Honors

PREREQUISITE: Biotechnology 3

COURSE DESCRIPTION: This course will also enable students to develop proficient knowledge and skills in the fields of biotechnology and agriscience. Students will use higher order reasoning and problem solving skills, develop work attitudes, general employability skills, technical skills, and occupation specific skills in the fields of biotechnology and agriscience. Requirements: \$25 Academy fee

CONSTRUCTION ACADEMY

BUILDING & CONSTRUCTION 1 8722010

LEVEL: Regular

COURSE DESCRIPTION: The Construction Academy is for students who want to learn the skills necessary to succeed in any aspect of the Construction Industry. Whether you want to go on to college and become an Architect, Engineer, Estimator, Surveyor, Manager, Superintendent or enter an apprenticeship program upon graduation and become a plumber, electrician, welder, AC Technician, carpenter, mason, this class is for you. We will explore all avenues of the industry. To learn all these skills, the first year students will demonstrate safety practices and follow disaster plans; identify and use basic hand tools; identify power tools and describe their proper operation; discuss, identify, classify and present construction components, materials, hardware and characteristics. All work will be done with guidance from professional experts in each trade. Students will be taught OSHA Safety protocols. Students have the opportunity to work on a Habitat for Humanity home each year.

BUILDING & CONSTRUCTION 2 8722020

LEVEL: Regular

PREREQUISITE: Building & Construction 1

COURSE DESCRIPTION: In this course the student will continue to build on skills learned in Academy I. Once again we will explore all possible future Construction careers. The student will experience more field trips, guest speakers, and continue to work on the school's project building. Students will receive advanced OSHA training. Students will demonstrate an understanding of the construction industry and related occupations, demonstrate or discuss rough and finish carpentry skills, demonstrate or discuss electrical and plumbing skills, begin the process of being able to read and understand building plans and learn project scheduling. Students will be taught OSHA Safety protocols. Students have the opportunity to work on a Habitat for Humanity home each year.

BUILDING & CONSTRUCTION 3 8722030

LEVEL: Regular

PREREQUISITE: Building & Construction 2

SPECIAL NOTE: Meets graduation requirements for Performing Fine Arts.

COURSE DESCRIPTION: At this level the student will experience even more hands-on activities. They will put the walls up, install trusses, put the roof on and perform all finishing work necessary. Students will



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finish the process of plan reading and drawing of plans, as well as demonstrate or discuss drywall and painting skills. Students will also visit more construction sites and participate in the construction rodeo. They will learn of the apprenticeship school and college that we have articulation agreements with. Students will be taught OSHA Safety protocols. Students have the opportunity to work on a Habitat for Humanity home each year.

BUILDING & CONSTRUCTION 4 8722040

LEVEL: Regular

PREREQUISITE: Building & Construction 3

COURSE DESCRIPTION: Students will continue to experience hands-on activities on a job site, implementing skills learned in the previous three academy courses. They will also continue to investigate apprenticeship opportunities and other post-secondary education options. Students will develop a basic understanding of construction contracts, drawings, documents and specifications and how they apply to the construction process. Students will work on their supervisory skills with the instructor. Students will be taught OSHA Safety protocols. Students have the opportunity to work on a Habitat for Humanity home each year.

INFORMATION TECHNOLOGY ACADEMY

IT FUNDAMENTALS 9001310

LEVEL: Regular

COURSE DESCRIPTION: This course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks.

WEB TECHNOLOGIES 9003420

LEVEL: Honors

COURSE DESCRIPTION: This course focuses on how the internet works and involves fundamental Networking Concepts, Cloud Technologies, HTML, CSS and Javascript Programming and/or Database Programming.

PROGRAMMING ESSENTIALS 9003450

LEVEL: Honors

COURSE DESCRIPTION: This course will give opportunities for students to study a high level programming language like Python and/or Java including concepts of a first semester college level computer science course. This course will also include Artificial Intelligence.

CYBERSECURITY FUNDAMENTALS 9003490

LEVEL: Honors

COURSE DESCRIPTION: This course focuses on Networking concepts and applications and major ideas in the fields of cybersecurity or information assurance. The course design addresses the fundamental implications of technology, the history of securing information and the relationship to the evolution of technology, and the need to securely transmit and store information.



TV & FILM PRODUCTION

DIGITAL VIDEO TECH 1 8201410

LEVEL: Regular

SPECIAL NOTE: Meets graduation requirements for Performing Fine Arts.

COURSE DESCRIPTION: This is a fundamental course in television production. After an overview of the television production process, the course continues with introductory material on camera systems and operations, sound for television, television graphics, linear & nonlinear editing, lighting and staging. This is a hands-on, equipment-intensive course. Students will be responsible for producing and directing several short projects including a commercial, public service announcement, short film, movie trailer and music video. Each year, the best work from these classes is presented during our annual Premiere: Student Video Showcase

DIGITAL VIDEO TECH 2 8201420

LEVEL: Honors

SPECIAL NOTE: Meets graduation requirements for Performing Fine Arts.

COURSE DESCRIPTION: This course provides an opportunity for students to work in a team-oriented environment with the goal each day to produce segments for our daily 10-minute-long newscast, The Education Network, our annual Premiere: Student Video Showcase and for contests and film festivals. We broadcast to the school each day and stream our newscasts online. Students will also work toward passing their industry certification exam in Adobe Premiere Pro CC. Students should be aware that assignments will be given that will require time to be spent after school to film events or produce broadcasts.

DIGITAL VIDEO TECH 3 & 4 FILM 8201430/8201440

LEVEL: Honors

SPECIAL NOTE: Meets graduation requirements for Performing Fine Arts.

COURSE DESCRIPTION: This course gives 3rd & 4th year students the opportunity to refine their skills as they produce longer form video projects for contests and film festivals, our annual Premiere: Student Video Showcase, and The Education Network. Students should expect to write scripts and storyboards as they produce short films, commercials, PSAs, and music videos. Students should be aware that assignments will be given that will require significant time to be spent after school to film projects and school events.

DIGITAL VIDEO TECH 3 & 4 NEWS 8201430B/8201440B

LEVEL: Honors

SPECIAL NOTE: Meets graduation requirements for Performing Fine Arts.

COURSE DESCRIPTION: This course gives 3rd & 4th year students the opportunity to refine their broadcast journalism skills as they produce longer, more in-depth news stories for a bi-weekly



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news-magazine show called WSRH EXTRA. Students will learn to produce, shoot, write and edit news packages. Students will also get the opportunity to practice their presentation skills as a news anchor or reporter on our broadcast. Students should be aware that assignments will be given that will require time to be spent after school to cover news stories and school events.

ACADEMIC ELECTIVES

AFRICAN AMERICAN HISTORY 2100340

LEVEL: Regular

COURSE DESCRIPTION: The purpose of this course is to provide students with knowledge, skills, attitudes and perspectives necessary to understand the development of the African American heritage. The specific content will include, but is not limited to, an understanding of maps, time-space relationships, and the experiences of African Americans in the following periods: Exploration, Colonial, Revolutionary, Abolitionist, Westward Expansion, Civil War, Reconstruction, and Civil Rights.

AFRICAN HISTORY 2109330

LEVEL: Regular

COURSE DESCRIPTION: The Honors African History course is intended to introduce students in grades 9 through 12 to the extensive diversity of Africa and to inspire in students a lifelong interest in African history. Honors African History is divided into three units. The first unit is Classical Africa, the second unit is Post-Modern Africa, and the final unit is Modern Africa. Each unit is driven by an overarching theme or big idea that will be the essential focusing component of instruction. Each unit consists of 3 to 5 instructional modules.

PSYCHOLOGY 1 & 2 2107300

LEVEL: Regular

COURSE DESCRIPTION: This course provides students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Topics include, but are not limited to, the theories and methods of study employed by psychologists, human growth and development, self-concept development adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health, and therapy.

HOLOCAUST STUDIES 2100405

LEVEL: Honors

COURSE DESCRIPTION: The grade 10-12 Holocaust course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the examination of the events of the Holocaust (1933-1945), the systematic, planned annihilation of European Jews and other groups by Nazi Germany. Content will include, but is not limited to, the examination of twentieth century pogroms and of twentieth century and



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twenty-first century genocides, investigation of human behavior during this period, and an understanding of the ramifications of prejudice, racism, and stereotyping.

LAW STUDIES 2106350

LEVEL: Regular

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

PERSONAL FINANCIAL LITERACY HONORS 2102371

LEVEL: Honors

COURSE DESCRIPTION: This course consists of the following content area and literacy strands: Economics, Financial Literacy, Mathematics, Languages Arts for Literacy in History/Social Studies and Speaking and Listening. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. Emphasis will be placed on economic decision-making and real-life applications using real data. The primary content for the course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society.

AICE PSYCHOLOGY 1 2107360

LEVEL: AICE (AS LEVEL)

PREREQUISITE: Successful completion of AICE General Paper, demonstrated ability, and teacher recommendation

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

AICE TRAVEL AND TOURISM 2102410

LEVEL: AICE (AS LEVEL)

PRE or COREQUISITE: AICE General Paper

COURSE DESCRIPTION: This syllabus provides students a chance to appreciate the significance and importance of the worldwide travel and tourism industry and how it may impact people, environments, and



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economies. Students will learn of the dynamic nature of the industry and how it responds to changing consumer needs and expectations, developments in information and communications technology, etc. Students will learn practical and technical skills related to the travel and tourism industry that will equip them to address a wide range of situations and problems. This course provides students a foundation for further study or careers in travel and tourism. No prior knowledge in the field is necessary.

AICE TRAVEL AND TOURISM 2 2102420

LEVEL: AICE (A LEVEL)

PRE or COREQUISITE: AICE Travel & Tourism AS level

COURSE DESCRIPTION: This syllabus continues to build on the knowledge from Travel & Tourism 1 by enabling learners to investigate changes in travel and tourism and to appreciate the importance of sustainability. Learners acquire an enriched understanding of the development, management and marketing of travel and tourism destinations. This course provides students with a foundation to progress directly to university courses in travel and tourism.

AICE GLOBAL PERSPECTIVES & RESEARCH 1700364 LEVEL: AICE (AS LEVEL)

PREREQUISITE: Successful completion of AICE English Language, demonstrated ability, and teacher recommendation

COURSE DESCRIPTION: This course 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. The Cambridge International AS Level Global Perspectives syllabus is based on skills rather than on specific content. Learners develop research, thinking, reasoning and communication skills by following an approach to analyzing and evaluating arguments and perspectives called the Critical Path. The Skills gained enable students to meet the demands of twenty-first century learning and make a successful transition to study in higher education.

AICE MEDIA STUDIES 1100460

LEVEL: AICE (AS LEVEL)

PREREQUISITE: AICE English General Paper and/or two years of TV Production Academy

COURSE DESCRIPTION: The course offers learners the chance to develop an understanding and appreciation of the role media plays in our everyday lives. The course enables students to take a hands-on approach to the subject by creating through film and print media. Students will create their own media products from planning through to execution. Students also learn to analyze existing media such as film, print, video games, music, and their surrounding industries.

AICE MEDIA STUDIES 1100470

LEVEL: AICE (A LEVEL)

PREREQUISITE: AICE Media Studies AS level



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COURSE DESCRIPTION: Students will continue to show proof of knowledge and understanding of the media and its role in our daily lives. Students will develop the skills of thinking critically about mediated information, understanding its rhetorical qualities, and being aware of the significance of its conditions of production and reception. They will also be studying media regulation, postmodern media as well as power and the media.

AICE THINKING SKILLS 1700372

LEVEL: AICE (A LEVEL)

PREREQUISITE: Successful completion of Algebra 1 and completion/concurrent enrollment in AICE General Paper

COURSE DESCRIPTION: This course develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus also enables students to approach their other subjects with an improved ability to understand, analyze and resolve problems. The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking, and informed and disciplined reasoning.

YEARBOOK - Journalism 1 1006300

LEVEL: Regular

PREREQUISITE: Previous experience/Teacher recommendation/interview/application.

COURSE DESCRIPTION: This course provides levels of instruction which will enable the students to gain more understanding of a variety of mass media. The content includes, but is not limited to, a basic understanding of journalism, graphic design, marketing, photography, and publishing. The major emphasis of the course is on production of a school yearbook.

CREATIVE WRITING 1/2 1009320

LEVEL: Regular

COURSE DESCRIPTION: The purpose of this course is to enable students to develop and use grade 9-10 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

DEBATE I 1007330

LEVEL: Regular

COURSE DESCRIPTION: This course provides instruction in the fundamentals of argumentation and problem solving. Students enrolled in this course will study logical thinking, organization of facts, and speaking skills. Students practice research skills related to debate topics and also participate in frequent debate situations. The course may include experiences in interscholastic competition on the yearly national debate topic.



DEBATE 3,6,7 1007350/1007380/1007390

LEVEL: Honors

PREREQUISITE: Debate 1 and teacher recommendation

COURSE DESCRIPTION: This course provides students with opportunities to continue the development of skills related to debate and forensic activities. The content includes, but is not limited to instruction with frequent practice in principles of effective communication for specific purposes, especially as these principles are applied to argumentation and debate skills. Research skills, critical thinking skills, listening and speaking skills, and formal written preparation of materials for competitive speaking activities are included.

TECHNOLOGY ELECTIVES

DIGITAL DESIGN 1- 4 8209510/20/30/40

LEVEL: Regular

COURSE DESCRIPTION: This course is an introductory course that explores digital design as a method of creative, visual communication. This course is based on the understanding that art principles and technical skills are necessary to communicate effectively in graphic arts. This course will teach basic photography skills, technique, history, and philosophy. Students will learn how to use the camera, computers, and other fundamental tools essential to the digital design making process. Students will have the opportunity to earn an Industry Certification at each level: DD 1 is Photoshop, DD2 is Illustrator, DD3 is Storybook Pro, and DD4 is Toon Boom Harmony.

DRAFTING & TECHNICAL DESIGN 1 (AUTOCAD) 8401010

LEVEL: Regular

COURSE DESCRIPTION: This computer course is designed for students who are interested in the fields of Engineering, Architecture, Drafting, Surveying and various design professions. This entry level AutoCAD is for students who plan to attend college. Using a computer, the students use a step by step approach to learning AutoCAD. Students will incorporate the features, commands, and techniques for creating, editing, printing drawings, and “hands on” activities, such as modeling and various design work. This course also works in articulation with the Construction Academy to aid in the design and revision of various Construction projects.

DRAFTING & TECHNICAL DESIGN 2/3 (AUTOCAD) 8600820/30 LEVEL: Reg/Honors

PREREQUISITE: Drafting & Technical Design 1

COURSE DESCRIPTION: This course is designed for the experienced AutoCAD user who requires additional training. It incorporates the features, commands and techniques for becoming more productive



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when creating, annotating, and printing drawings with AutoCAD. This intermediate-level course continues to build on the basic concepts of the AutoCAD I course with increased emphasis on job related career paths.

DRONES - TECHNICAL DESIGN 3 8600830

LEVEL: Honors

COURSE DESCRIPTION: This course provides students with instruction in the characteristics and evolution of technology, underlying principles of design, and fundamental knowledge of drones and will help students work through getting their Remote Pilot Certificate. The class will focus on drone technology, operations, safety, design & build, maintenance & repair. Students will receive preparation for visual observer certification, recreational operation, micro-drone skills competitions and FAA 107 drone pilot licensing.

ADVANCED PLACEMENT COMPUTER SCIENCE PRIN. 0200335 LEVEL: ADV PL

PREREQUISITE: Algebra 1 and teacher recommendation.

COURSE DESCRIPTION: The AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

PERFORMING FINE ART ELECTIVES

2D ART 1 0101300

LEVEL: Regular

PREREQUISITE: 2D Art 1, teacher recommendation and portfolio

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, painting, printmaking,



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collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

2D ART 2 0101310/PORTFOLIO 1/2 0109310/20

LEVEL: Regular/Honors

PREREQUISITE: 2D Art 1, teacher recommendation and portfolio

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.

CERAMICS & POTTERY 1-3 0102300/0102310/0102320

LEVEL: Regular/Honors

COURSE DESCRIPTION: The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using basic hand-building techniques. The content should include, but not be limited to, the following: use of tools, equipment, and materials; art vocabulary; functional and nonfunctional form; material preparation, object production, decoration, and firing; critical thinking and analysis; historical and cultural perspectives; personal and social benefits; collaborative skills; career opportunities. Level 3 is honors. Lab donations accepted.

FINE CRAFT STUDIO ART 1 0101440

LEVEL: Regular

COURSE DESCRIPTION: The purpose of this course is for students to create art using various things found in public and through purchase and creation. Through analysis and comparison of art of past famous art creators to contemporary artists, students will use basic skills and techniques to create three dimensional abstract or real art. The content will include but not limited to various art tools, equipment and materials; art decoration and construction; historical and cultural perspectives; personal and social benefits; collaborative skills and career opportunities.

AICE ART & DESIGN 0104220/0102330/0106320

LEVEL: AICE (AS LEVEL)

PREREQUISITE: Teacher recommendation

AICE Art & Design is a self-motivated, creative, artistic discovery course. Students will embark on an intensive, artistic process and improve and invent their own artwork. Students learn about visual perception and aesthetic experience and the ways in which art and design creates a language of its own.



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Most of the work for this course is studio-based so that students can develop their abilities of observation and analysis of the visual world, sensitivity, skill, personal expression, and imagination. Outside reading, thinking, and observing will be necessary. Students also learn how to relate their skills to an enhanced knowledge of their own cultures, past and present; as well as develop an appreciation of practical design problems. Students must document the various stages of their idea evolution and production methods. *Students can choose from 3 disciplines within the Art & Design syllabus: **Painting and Mixed Media, Ceramics, or Digital Arts.***

WORLD/ETHNIC DANCE 0300300

LEVEL: Regular

SPECIAL NOTE: Will meet the graduation requirement for Performing Fine Arts.

COURSE DESCRIPTION: Students explore the dance traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of dance music within various cultures. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom

DANCE TECHNIQUES 1 0300310

LEVEL: Regular

SPECIAL NOTE: Will meet the graduation requirement for Performing Fine Arts. This course may require extra rehearsals and performances beyond the school day. Students will participate in performances in the classroom, school and community.

COURSE DESCRIPTION: The purpose of this course is to enable students to develop knowledge and fundamental skills in at least two dance styles through acquisition of technique, choreographic process, aesthetic awareness, and performance quality within a cultural and historical context. Healthy lifestyle and the relationship between dance and other disciplines should be emphasized. The content should include, but not be limited to, the following: fundamental technical skills in various dance styles (e.g., contemporary, jazz, ballet, and hip hop.); dance terminology; fundamental choreographic principles and processes; relationship between the development of dance styles and the distinguishing characteristics of various cultures; ensemble dance performance; evaluation of dance performance; connections between dance and healthful living; connections between dance and other subject areas. Fees for costumes.

DANCE TECHNIQUES 2-4

LEVEL: Regular/Honors

SPECIAL NOTE: Will meet the graduation requirement for Performing Fine Arts. This course may require extra rehearsals and performances beyond the school day. Students will participate in performances in the classroom, school and community.

PREREQUISITE: Successful Completion of Dance Technique I or demonstrated proficiency and teacher recommendation



COURSE DESCRIPTION: The purpose of this course is to enable students to develop increased knowledge and skills in at least two dance styles through acquisition of technique, choreographic process, aesthetic awareness, and performance quality. Healthy lifestyle and connection between dance and other disciplines should be emphasized. The content should include, but not be limited to, the following: increased technical skills in various dance styles (e.g., contemporary, jazz, ballet, and hip hop.); solo and ensemble dance performance; dance terminology; choreographic principles, processes and structures; relationship between the evolution of dance styles and the history of various cultures; evaluation of dance performances; connections between dance and healthful living; connections between dance and other subject areas. Level 3 & 4 are honors. Fees for costumes.

THEATER 1 0400310

LEVEL: Regular

COURSE DESCRIPTION: This course provides in-depth experiences in the study and practice of theater arts and literature. The content includes, but is not limited to, an overview of the history of the theater and literature of the theater. Students are introduced to the fundamentals of theater production, which include scenery construction, costuming, lighting, and make-up. Students will be introduced to the fundamentals of acting.

THEATER 2 0400320

LEVEL: Regular

PREREQUISITE: Theater 1

COURSE DESCRIPTION: This course provides development of intermediate skills useful to the study and practice of theater arts. The content includes, but is not limited to instruction in reading and interpretation of dramatic literature. Other instructional emphases include techniques and mechanics of acting, set, costume and lighting design, as well as other features of stagecraft; character analysis and portrayal; interpretive and analytical study of plays; and production of plays and other dramatic presentations.

THEATER 3/4 0400330/0400340

LEVEL: Honors

PREREQUISITE: Theater 1 & 2

COURSE DESCRIPTION: This course is designed for students with significant experience in theater, and promotes depth of engagement and lifelong appreciation for theater 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 theater, and created within various aspects of theater 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 theater 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.



AICE DRAMA 0400346

LEVEL: AICE (AS LEVEL)

Prerequisite: Teacher Recommendation

COURSE DESCRIPTION: The purpose of this course is to enable students to develop fundamental skills in stagecraft and apply them through practical experiences. The content should include, but not be limited to, the following: safety issues and regulations; theater terminology; elements of technical theater; trends in technical design; relationship between script and directorial concepts; properties, costumes, and make-up; lighting and sound; artistic discipline; careers; connections between stagecraft and other subject areas.

STAGECRAFT 1- 4 0400410/420/430/440

LEVEL: Regular

COURSE DESCRIPTION: The purpose of this course is to enable students to develop fundamental skills in stagecraft and apply them through practical experiences. The content should include, but not be limited to, the following: safety issues and regulations; theater terminology; elements of technical theater; trends in technical design; relationship between script and directorial concepts; properties, costumes, and make-up; lighting and sound; artistic discipline; careers; connections between stagecraft and other subject areas.

CONCERT BAND WITH PERCUSSION 1302320

LEVEL: Regular

SPECIAL NOTE: During Concert Season, students will have the opportunity to perform at District and State Solo & Ensemble Assessment and District & State Concert Assessment. Concert Band is a year long course. Students may audition to be a part of the marching band.

COURSE DESCRIPTION: The purpose of this course is to enable students to develop basic skills on a selected instrument in a solo or ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized. The content should include but not be limited to the following: technical skills: individual and ensemble techniques; music literacy; sight reading and ear training; elements and characteristics of music; composition and

arranging; performance analysis; role and influence of music and musicians; connections between music and other subject areas; instrument care and maintenance; responsible participation in music activities. Performance is emphasized. Extra rehearsals and performances after school are required.

SYMPHONIC BAND 1302330

LEVEL: Regular

PREREQUISITE: Demonstrated proficiency and/or teacher recommendation

SPECIAL NOTE: This is a performance oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.



COURSE DESCRIPTION: The purpose of this course is to enable students to develop basic skills on a selected instrument in a solo or ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis and aesthetic response are emphasized. The content should include but not be limited to the following technical skills: individual and ensemble techniques; music literacy; sight reading and ear training; elements and characteristics of music; composition and arranging; performance analysis; role and influence of music and musicians; connections between music and other subject areas; instrument care and maintenance; responsible participation in music activities. Performance is emphasized. Extra rehearsals and performances after school are required.

WIND ENSEMBLE 1302340

LEVEL: Regular

PREREQUISITE: Demonstrated proficiency and/or teacher recommendation

SPECIAL NOTE: This is a performance oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.

COURSE DESCRIPTION: The purpose of this course is to enable students to develop consistently proficient technical skills on wind and percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance and critical listening. The content should include but not be limited to the following: technical skills; individual and ensemble techniques; music literacy; sight reading and ear training; elements of characteristics of music; composition and arranging; performance analysis; role and influence of music and musicians; connections between music and other subject areas; instrument care and maintenance and responsible participation in music activities. Performance is emphasized. Extra rehearsals and performances after school are required.

JAZZ ENSEMBLE 1-3 1302500/10/20

LEVEL: Regular

PREREQUISITE: Demonstrated proficiency and/or teacher recommendation

SPECIAL NOTE: This is a performance oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.

COURSE DESCRIPTION: Students with experience on an instrument suited for jazz ensemble explore the fundamentals of performance practices, improvisation, and music theory through a diverse repertoire of high-quality jazz literature. Students learn the basics of foundational jazz styles, use chord symbols, develop knowledge of musical structure, and study the history of jazz and its iconic musicians. 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.

MUSIC THEORY 2 1300310

LEVEL: HONORS



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SPECIAL NOTE: Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument. This course will meet the graduation requirement for Performing Fine Arts.

COURSE DESCRIPTION: Music Theory 2 Honors course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight-singing, and harmony, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized. This will be taught concurrently with AP music theory without the AP exam.

ADVANCED PLACEMENT MUSIC THEORY 1300330

LEVEL: ADV PL

SPECIAL NOTE: Students should be able to read and write musical notation, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument. This course will meet graduation requirement for Performing Fine Arts.

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

EURHYTHMICS (COLOR GUARD) 1305310/20/30

LEVEL: Regular

PREREQUISITE: Demonstrated proficiency and/or teacher recommendation

SPECIAL NOTE: All students must try out in April with the High School Director and Color Guard Instructors. You must also be a member of the Winter Guard during the 2nd Semester. This is a year long course. This is a performance oriented course and requires extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.

COURSE DESCRIPTION: The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis will be placed on flag, rifle, saber and dance. The content should include but not be limited to the following: safety and healthful performance practices; dance and choreographic design; equipment manipulation; music and movement analysis and evaluation; role and influence of music and dance in history, culture, society and everyday life; connections between music and other subject areas; equipment and uniform care and maintenance; responsible participation in music activities. Performance is emphasized. Extra rehearsals and performances after school are required.



CHORUS 1 (Combined Beginning Chorus) 1303300/310

LEVEL: Regular

PREREQUISITE: Students may have little to no experience in chorus, but a willingness to sing and perform are required.

SPECIAL NOTE: This is a performance oriented course and will require **extra rehearsals and performances** beyond the school day as announced by the teacher. **Uniform rental required.**

COURSE DESCRIPTION: Students will learn to develop proper vocal technique and gain an understanding of the vocal mechanism. Students will also learn to read musical notation, sight-sing, and appreciate the many different styles of music through the study and performance of choral literature. Students enrolled in this class are required to participate in the following events: Fall Showcase, Winter Concert, Music Performance Assessments, and Spring Concert. Optional events include the Walt Disney World Candlelight Processional in December.

TREBLE CHORUS 1303320/30/40/50

LEVEL: Regular/Honors

PREREQUISITE: Students who have already taken Beginning Chorus but are participating for a second year, per teacher recommendation.

SPECIAL NOTE: This is a performance oriented course and will require **extra rehearsals and performances** beyond the school day as announced by the teacher. **Uniform rental required.**

COURSE DESCRIPTION: This year-long class, designed for students with and without previous participation in a school chorus promotes the enjoyment and appreciation of music through performance of three- and four-part choral literature. 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. **Special Note:** This course requires students to occasionally participate in extra rehearsals and performances beyond the school day.

CHAMBER CHOIR 1303450/60/70

LEVEL: Regular/Honors

PREREQUISITE: **Audition Only. Students must obtain a written recommendation from the chorus teacher to be placed in this class.**

SPECIAL NOTE: This is a performance oriented course and will **require extra rehearsals and performances** beyond the school day as announced by the teacher. **Uniform rental required.**

COURSE DESCRIPTION: This is Seminole Ridge High School's premier Ensemble. In addition to class time, students in this ensemble are required to attend additional after school rehearsals every Tuesday



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from 3:00 pm to 5:00 pm. Students will learn to develop proper vocal technique and gain an understanding of the vocal mechanism. Students will also learn to read musical notation, sight-sing, and appreciate many different styles of music through the study and performance of choral literature. Students enrolled in this class are required to participate in the following events: Fall Showcase, Winter Concert, Music Performance Assessments, and Spring Concert. Optional events include the Walt Disney World Candlelight Processional in December.

KEYBOARDING 1301360

LEVEL: Regular

COURSE DESCRIPTION: Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition. 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.

MUSIC OF THE WORLD 1300340

LEVEL: Regular

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

WORLD LANGUAGES

SPANISH 1 0708340

LEVEL: Regular

COURSE DESCRIPTION: This course introduces students to the target language and its culture and develops communicative skills and cross-cultural understanding. The content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation and real-life



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applications. An introduction to reading and writing is included as well as the fundamentals of applied grammar and culture within a communicative approach.

SPANISH 2 0708350

LEVEL: Regular

PREREQUISITE: Successful completion of Spanish 1

COURSE DESCRIPTION: This course reinforces the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading, and writing skills as well as cross-cultural understanding. The content includes, but is not limited to, an expansion of the listening and oral skills previously acquired. Reading and writing will receive emphasis, including connection with other disciplines. This course continues the cultural survey of Spanish-speaking people.

SPANISH 3 0708360

LEVEL: Honors

PREREQUISITE: Successful completion of Spanish 2

COURSE DESCRIPTION: This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, an expansion of vocabulary and conversational skills through discussions based on selected readings. Students' acquisitions of grammatical concepts are strengthened by analyzing reading selections. Contemporary vocabulary stresses real-life applications which are important to foster understanding of everyday life of Spanish-speaking people.

SPANISH 5 0708380

LEVEL: Honors

PREREQUISITE: Successful completion of Spanish 3

COURSE DESCRIPTION: This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, an expansion of vocabulary and conversational skills through discussions based on selected readings. Students' acquisitions of grammatical concepts are strengthened by analyzing reading selections. Contemporary vocabulary stresses real-life applications which are important to foster understanding of everyday life of Spanish-speaking people.

SPANISH HERITAGE LEVEL 1/2 0709300/0709310

LEVEL: Regular

SPECIAL NOTE: This course is intended for native speakers.

COURSE DESCRIPTION: The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language as well as other languages to be acquired. The content should include, but not be limited to, the following:



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conversational expression of feelings, ideas, and opinions in Spanish; comprehension of spoken and written Spanish; oral and written presentation of information and ideas, in Spanish, to an audience; social interaction patterns within Spanish culture(s); connections between the Spanish language and culture(s) and other disciplines; analysis and use of different patterns of communication and social interaction appropriate to a given setting; critical response, in Spanish, to a variety of literary forms; use of a variety of strategies to construct meaning from informative, technical, and literary texts; use of systematic strategies to develop Spanish vocabulary; use of writing processes to communicate information, ideas, and concepts, in Spanish, to a variety of audiences.

AICE SPANISH LANGUAGE 0708538

LEVEL: AICE (AS LEVEL)

PREREQUISITE: Successful completion of Spanish 3

COURSE DESCRIPTION: This course is the ideal foundation for university-level study or to improve career prospects. Students will learn 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, students can expect to achieve greater fluency, accuracy, and confidence in the target language.

AICE SPANISH LANGUAGE & LITERATURE 0708540 LEVEL: AICE (AS LEVEL)

PREREQUISITE: Successful completion of AICE Spanish Language

COURSE DESCRIPTION: This course provides students with linguistic ability and comprehension as well as lifelong skills in the target language such as confident communication, understanding of linguistics, cultural insight, cultural integration, positive attitude, analysis, and memory. It is recommended that students have some background of study in the target language.

ITALIAN 1 0705320

LEVEL: Regular

COURSE DESCRIPTION: This course introduces students to the target language and its culture and develops communicative skills and cross-cultural understanding. The content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation and real-life applications. An introduction to reading and writing is included as well as the fundamentals of applied grammar and culture within a communicative approach.

Physical Education

PERSONAL FITNESS 1501300

LEVEL: Regular

COURSE DESCRIPTION: Description: The purpose of this course is to (a) acquire knowledge of physical fitness concepts (b) understand the influence of life-styles on health and fitness, and (c) begin to develop an optimal level of fitness. The contents should include but not be limited to safety practices, technology



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applications; assessment of health-related fitness; health problems associated with inadequate fitness levels; psychological values of physical fitness, including stress management; evaluation of physical activities in terms of fitness value; fitness program design; biomechanical and physiological principles and their application to maintaining and improving health-related physical fitness; nutrition; consumer issues' benefits derived from participation in physical activity.

TEAM SPORTS 1 1503350

LEVEL: Regular

COURSE DESCRIPTION: This course provides students with opportunities to acquire knowledge of strategies of team-sport play, develop skills in selected team sports, and maintain and/or improve their health-related fitness. Content includes, but is not limited to, knowledge of safety practices, assessment of health-related fitness, application of skills, techniques, strategies, and rules necessary to participate in selected team sports. Team sports selected may include, but not be limited to, flag football, field hockey, flickerball, soccer, speedball, track and field, and volleyball. Strategies of team sports play, skill acquisition, assessment of basic skills, consumer issues, and the maintenance and/or improvement of health-related fitness should be stressed.

TEAM SPORTS 2 1503360

LEVEL: Regular

COURSE DESCRIPTION: This course provides students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their health-related fitness. Content includes, but is not limited to, knowledge of safety practices, assessment of health-related fitness, application of skills, techniques, strategies, and rules necessary to participate in selected team sports. Team sports selected may include, but not be limited to, basketball, floor hockey, gator ball, softball, team handball, and ultimate Frisbee. Strategies of team sports play, skill acquisition, assessment of basic skills, consumer issues, and the maintenance and/or improvement of health-related fitness should be stressed.

YOGA - FITNESS LIFESTYLE DESIGN 1501320

LEVEL: Regular

COURSE DESCRIPTION: Students study the science of movement as it relates to the specific needs of the student. Units of instruction may include, but are not limited to, the introduction to yoga with the understanding of the body (anatomy and physiology), yoga history and tradition, yoga etiquette, proper alignment and mindfulness. The emphasis is on yoga, (including some pilates and Qigong) and asana (physical practice). Students in this class may need to obtain (e.g., borrow, purchase) appropriate yoga attire, a yoga mat, and a journal for weekly writing assignments.

BEGINNING WEIGHT TRAINING 1501340

LEVEL: Regular

COURSE DESCRIPTION: This course provides students with opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life,



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improve muscular strength and endurance, and enhance body image. Content includes knowledge of safety practices.

INTERMEDIATE WEIGHT TRAINING 1501350

LEVEL: Regular

PREREQUISITE: Successful completion of Beginning Weight Training

COURSE DESCRIPTION: This course provides students with opportunities to extend the acquisition of knowledge and development of skills in weight training that may be used in physical fitness pursuits today as well as in later life, further improve muscular strength and endurance, and further enhance body image. Content includes, but is not limited to, knowledge of safety practices.

ADVANCED WEIGHT TRAINING 1501360

LEVEL: Regular

PREREQUISITE: Successful completion of Intermediate Weight Training

COURSE DESCRIPTION: This course provides students with opportunities to further extend the knowledge and development of skills in weight training that may be used in physical fitness pursuits today, as well as in later life, further improve muscular strength and endurance, and further enhance body image. Content includes, but is not limited to, knowledge of safety practices, assessment of health-related fitness, reinforcement of weight training concepts, designing, implementing, and evaluating a personal weight training program to meet specific needs and goals, consumer issues and knowledge of the organization and administration of weight lifting activities. Implementation of personal weight training programs and realization of personal goals should be stressed. Students will be required to perform all exercises with no limitations to meet class standards.

BEG POWER WEIGHT TRAINING - FOOTBALL 1501410

LEVEL: Regular

PREREQUISITE: Teacher recommendation only, must be a member of the football team

COURSE DESCRIPTION: The purpose of this course is to enable students to acquire basic knowledge and skills in power weight training and to maintain or improve health-related fitness. The content should include, but not be limited to, the following: safety practices; history; rules and terminology; techniques and strategies; biomechanical and physiological principles; fitness assessment; consumer issues; benefits of participation. Students will be required to perform all exercises with no limitations to meet class standards.

ADDITIONAL ELECTIVES

AICE CLASSICAL STUDIES A 0900505

LEVEL: AICE (A LEVEL)

PREREQUISITE: AICE General Paper, Must be rising sophomore or junior & Teacher recommendation



COURSE DESCRIPTION: This course provides students with an understanding of Greek and Roman civilization and encourages an appreciation of the classical world. Students will understand the core foundations of Western traditions of architecture, art, history, literature, and political thought – traditions which have had major influences on the shape of the modern world. This class is an A level AICE class which means that there will be four tests over four various topics. This is a content-based exam and does not require any knowledge of Greek or Latin. *The exam series for this class will occur in November of the following school year.* If passed, students will receive two AICE credits towards their AICE diploma.

AVID 1- 4 1700390/1700400/1700410/1700420

LEVEL: Regular

PREREQUISITE: Teacher recommendation and [application](#) only **AVID Website**

COURSE DESCRIPTION: The AVID 9 and 10 courses are designed to prepare students for the challenges they will face in a rigorous course of study at the high school level and beyond. Focusing on skills: time management, study, note taking and leadership. Activities will be rooted in the WICOR strategies (Writing, Inquiry, Collaboration, Organization, and Reading) as the skills are the backbone of all classrooms. Furthermore, students will receive tutorial time in order to gain a greater understanding of difficult subject matter from their classes.

The AVID 11 and 12 courses are academically challenging courses designed to prepare students for the rigors of not only the college application process, but also for success in a four year university. Rooted in the WICOR concepts (Writing, Inquiry, Collaboration, Organization and Reading); students will compose critical SAT essays, think deeply about relevant issues, work collaboratively to solve problems, and read a variety of texts, including a self-selected novel. Students have chosen to follow the AVID model which includes the use of Cornell notes, participating in tutorials, and modeling AVID strategies in all of their classes.

CAREER RESOURCE DECISION MAKING 1700380

LEVEL: Regular

COURSE DESCRIPTION: The purpose of this online course is to develop career planning competencies, enabling students to make informed career choices and develop the skills needed to successfully plan and apply for college or a job. The content should include, but not be limited to, the following: goal-setting and decision-making processes, self-assessment, sources of career information, occupational fields and educational requirements -postsecondary education and training opportunities -writing, listening, viewing, and speaking skills for applications and interviews, financial planning and sources of educational financial assistance, and career planning.

COMMUNITY SERVICE CLASS 2104330

LEVEL: Regular

PREREQUISITE: Teacher recommendation and [application](#)

COURSE DESCRIPTION: In this course students are engaged in activities that help them develop an appreciation for the concept of service to the community. The content will include, but is not limited to, identified needs, and developing and implementing a personal plan for providing community service.



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Students will be required to secure for themselves an off campus location at which to complete 75 voluntary community service hours each semester enrolled.

**DEVELOPMENTAL LANGUAGE ARTS
FOR ELL STUDENTS 1002381P**

LEVEL: Regular

PREREQUISITE: Students who are in our ELL program and teacher recommendation.

COURSE DESCRIPTION: The purpose of this course is to provide remedial instruction and practice in communication skills. The content should include, but not be limited to, the following: content identified by diagnosis of each student's needs for remedial instruction identified in the academic improvement plan; test-taking skills; and strategies for reading and writing. Students should be given opportunities to develop and apply skills through guided, shared, and independent reading, writing, and test-taking practice.

**DIVERSIFIED CAREER TECHNOLOGY
PRINCIPLES DCT 1 8303010**

LEVEL: Regular

PREREQUISITE: 11th & 12th GRADE ONLY [application](#) and teacher recommendation

COURSE DESCRIPTION: : This program provides students with “student centered”(as opposed to “teacher-centered”)selected occupations skills through employment related instruction and paid, on-the-job training supervised by the employer and teacher/coordinator. DCT Principles - Class provides for competency development skills which can lead to occupational completion points. Please see Ms. Critchlow in Room 5-220 for a class application.

**DIVERSIFIED CAREER TECHNOLOGY
APPLICATIONS & MANAGEMENT DCT 2/3 8303020/30**

LEVEL: Regular

PREREQUISITE: DCT Principles, 11th & 12th GRADE ONLY [application](#) and teacher recommendation

COURSE DESCRIPTION: This program provides “student centered”(as opposed to “teacher centered”) selected occupations skills through employment related instruction and paid, on-the-job training supervised by the employer and teacher/coordinator. DCT Applications - Class provides for competency development skills which can lead to occupational completion points.After completion of DCT Principles, DCT Applications OJT, and DCT management, students will have completed all occupational completion points. Please see Ms. Critchlow in Room 5-220 for a class application.

**DIVERSIFIED CAREER TECHNOLOGY
ON-JOB-TRAINING (OJT) 8300410**

LEVEL: Regular



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PREREQUISITE: 11th & 12th GRADE ONLY [application](#) and teacher recommendation

COURSE DESCRIPTION: This program is for the potential school leaver and provides: (a) occupational experiences, and (b) related instruction including Employability Skills. This program prepares persons for employment in an occupational field utilizing the cooperative method. Seniors may elect this course for a maximum of three credits. Please see Ms. Critchlow in Room 5-220 for a class application.

DRIVER EDUCATION TRAFFIC/SAFETY CLASSROOM 1900300 LEVEL: Regular

SPECIAL NOTE: Behind the wheel instruction is included in this course. To meet the requirements of the DUI law, the Drug Alcohol and Traffic Education (DATE) requirements are taught during the first three (3) weeks of the course for students who, for the first time, are applying for a Florida Driver's License. In addition, the Florida restricted driver's license written exam is administered. **Students must be 15 years old or older.**

COURSE DESCRIPTION: This course introduces students to the highway transportation system and the strategies which will develop basic driving knowledge related to our mechanized society and provide an in-depth study of the scope and nature of accident problems and their solutions. Content includes, but is not limited to, instruction, within a classroom environment, in vehicle control and traffic procedures, defensive strategies for driving, natural laws and their application to driving, energy-efficient and safe, enjoyable vehicle ownership, physical and mental factors, legal and moral obligations, knowledge of motorcycle operations, trip planning to include map studies and a comprehensive study of the effects of alcohol and other drugs on driving performance.

DUAL ENROLLMENT 0000PTDE

LEVEL: COLLEGE

PREREQUISITE: Must meet all Dual Enrollment requirements and approval of the School Counselor

COURSE DESCRIPTION: Students with excellent academic records may take college level courses at Palm Beach State College or Florida Atlantic University for both college and high school credit. Students interested in registering for such courses should contact their school counselor for assistance. [PBSC website](#)

EARLY ADMISSION (12th GRADE ONLY) 0000ERLY

LEVEL: COLLEGE

PREREQUISITE: Must meet all Dual Enrollment/Early Admission requirements and approval of the Principal & School Counselor



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COURSE DESCRIPTION: Seniors with excellent academic records may take college level courses at Palm Beach State College or Florida Atlantic University for both college and high school credit. Students interested in registering for such courses should contact their school counselor for assistance in March of their junior year. [PBSC website](#)

EDGENUITY (CREDIT RECOVERY) 0000CLAB

PREREQUISITE: 11th & 12th GRADE ONLY and assigned by School Counselor

COURSE DESCRIPTION: Edgenuity is a “credit recovery” program offered at SRHS. Edgenuity courses are computer based and must be completed in one of our on-campus computer labs. Students are placed in this program to retake a class that previously was failed.

ENGLISH LANGUAGE DEVELOPMENT FOR ELL STUDENTS (NO FSA) 1002380P

PREREQUISITE: Students who are in our ELL program and teacher recommendation.

COURSE DESCRIPTION: The purpose of this course is to provide remedial instruction and practice in communication skills. The content should include, but not be limited to, the following: content identified by diagnosis of each student's needs for remedial instruction identified in the academic improvement plan; test-taking skills; and strategies for reading and writing. Students should be given opportunities to develop and apply skills through guided, shared, and independent reading, writing, and test-taking practice.

FLVS OFF-CAMPUS 0000PTVR

PREREQUISITE: Must meet all [requirements](#) and approval of the School Counselor

COURSE DESCRIPTION: Students are granted permission to leave campus and work on an online class from home. Students must be registered for an online course through Florida Virtual School (FLVS). Students are not permitted to work on the course on campus. Students must leave campus during the assigned FLVS Off-Campus class period. Students must arrange their own transportation.

HEALTH SCIENCE ANATOMY & PHYSIOLOGY 8417100

LEVEL: Honors

PREREQUISITE: Algebra 1 recommended, 3.0 GPA



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COURSE DESCRIPTION: This course consists of a study 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. Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental quality, and safety procedures will be an integral part of this course. This course is part of the two credit Health Science Core and is required as a prerequisite for all medical programs.

HEALTH SCIENCE FOUNDATIONS 8417110

LEVEL: Honors

PREREQUISITE: Successful completion of Health Science Anatomy & Physiology

COURSE DESCRIPTION: This course is designed to provide the student with an in-depth knowledge of the healthcare 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 will also learn first aid skills and demonstrate the measurement of vital signs. This course is part of the two credit Health Science Core and is required as a prerequisite for all medical programs.

BEHAVIORAL HEALTH TECHNICIAN 8701010

LEVEL: Honors

PREREQUISITE: Health Science Core (Health Science Anatomy & Physiology and Health Science Foundations)

COURSE DESCRIPTION: This program is a third-level health science course designed to prepare students for employment as Psychiatric Technicians/Behavioral Health Technicians, and provides coherent and rigorous instruction aligned with relevant technical knowledge and skills needed to prepare for further education and careers in the healthcare industry. The content includes management, finance, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues. Clinical and/or work-based learning experiences are an integral part of this program. The Health Science Core requirements must be satisfied before taking this course.

INTENSIVE LANGUAGE ARTS ELL GR 11/12 1000400P

LEVEL: Regular

PREREQUISITE: Students who are in our ELL program and teacher recommendation.



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COURSE DESCRIPTION: The purpose of this course is to provide remedial instruction and practice in communication skills. The content should include, but not be limited to, the following: content identified by diagnosis of each student's needs for remedial instruction identified in the academic improvement plan; test-taking skills; and strategies for reading and writing. Students should be given opportunities to develop and apply skills through guided, shared, and independent reading, writing, and test-taking practice.

INTENSIVE READING 1000412/1000414/1000416/1000418

LEVEL: Regular

Any student scoring in quartile 1 or 2 on FSA-ELA. Any 11th or 12th grader who has not passed FSA-ELA will be required to take Intensive Reading.

COURSE DESCRIPTION: The purpose of this course is to provide remedial instruction and practice in communication skills. The content should include, but not be limited to, the following: content identified by diagnosis of each student's needs for remedial instruction identified in the academic improvement plan; test-taking skills; and strategies for reading and writing. Students should be given opportunities to develop and apply skills through guided, shared, and independent reading, writing, and test-taking practice.

LEARNING STRATEGIES 7963080 (ESE- GRADE 9 ONLY)

LEVEL: Regular

PREREQUISITE: Students who are in our ESE program and teacher recommendation.

COURSE DESCRIPTION: The purpose of this course is to enable students with disabilities to acquire and generalize strategies and skills across academic, community, and employment settings to achieve annual goals based on assessed needs and the student's individual educational plan (IEP). This course is designed for students with disabilities who need intensive individualized intervention in learning strategies. The course may address academic skill deficits enabling students to learn strategies to access the general curriculum and close educational gaps.

SENIOR PRIVILEGE (12th GRADE ONLY)

PREREQUISITE: 12th GRADE ONLY Must meet all [requirements](#) and approval of the School Counselor

COURSE DESCRIPTION: Students are granted permission to leave campus during one specified class period. Students must be in good academic standing in order to have a PRIVILEGE class included on their schedule. Students must leave campus during the assigned PRIVILEGE class period. Students must arrange their own transportation. No credit earned.

STUDENT AIDE (12th GRADE ONLY)

LEVEL: Regular

PREREQUISITE: 12th GRADE ONLY Must meet all requirements and approval of the School Counselor



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COURSE DESCRIPTION: Students serve as office assistants in various offices on campus. Students must be in good academic standing in order and be on track to graduate. Students must have good attendance and demonstrate leadership skills.

STUDENT GOVERNMENT ASSOCIATION (SGA)

LEVEL: Regular

PREREQUISITE: Approval of SGA sponsor

COURSE DESCRIPTION: Leadership Skills Development is designed for the student who is interested in learning the basic concepts of democratic government, leadership skills, parliamentary procedure, group processes, and organizational skills as they relate to practical school situations. It affords the student the opportunity to develop speaking and writing skills, to work with peers of diverse backgrounds and attitudes, to share responsibilities with adults, to consider and work with problems of income and expenditures, and to develop management and team-building skills.

WORK EXPERIENCE 1-3 8301610/20/30

LEVEL: Regular

PREREQUISITE: 11th & 12th GRADE ONLY [application](#) and teacher recommendation

COURSE DESCRIPTION: This class is designed for the student wishing to take on the job training (OJT) classes off campus. This class is required with all corresponding OJT's. The curriculum includes but is not limited to studies in job/career discovery, budget, communication, problem solving, taxes, insurance and the overall job seeking process. Please see Ms. Critchlow in Room 5-220 for a class application.

WORK EXPERIENCE - ON-JOB-TRAINING (OJT) 8301650

LEVEL: Regular

PREREQUISITE: 11th & 12th GRADE ONLY [application](#) and teacher recommendation

COURSE DESCRIPTION: This program is for the potential school leaver and provides: (a) occupational experiences, and (b) related instruction including Employability Skills. This program prepares persons for employment in an occupational field utilizing the cooperative method. Seniors may elect this course for a maximum of three credits. Please see Ms. Critchlow in Room 5-220 for a class application.