

# ORIENTATION/SCHEDULING

## SCHOOL ORIENTATIONS FOR STUDENTS

HOB	- Jan. 31, 9:00 a.m.
SUG	- Jan. 31, 1:00 p.m.
Montessori	- Feb. 1, 10:00 a.m.
Sigsbee	- Feb. 1, 9:00 a.m.
Basilica School	- Feb. 2, 9:00 a.m.
KWHS Grade Levels	- Feb. 6
	11th – 2nd period
	10th – 3rd period
	9th – 4th period

## SCHOOL SHOWCASE – “Why Key West High?”

### KWHS Thursday, February 9th, 5:30-7:00 p.m.

5:30-5:50	– Welcome and Overview - Auditorium
5:45-7:00	– Showcase throughout the campus
	Core Classes - cafeteria
	AP Courses - front of cafeteria
	Electives - Courtyard/Media Center
	Club Displays – Courtyard
	Athletics – Courtyard

## SCHEDULING OF CLASSES

Students will schedule individually with a KWHS counselor or teacher.

KWHS	Feb.-Mar. in classes
SUG	Feb. 13, 8:00 a.m.
Basilica School	Feb. 13, 9:00 a.m.
HOB	Feb. 16, 9:00 a.m. - 3:00 p.m.
Montessori	Feb. 21, 10:00 a.m.
HOB/SUG (Make-up)	Feb. 22
Sigsbee	Feb. 23, 12:00 p.m. - 3:00 p.m.

# GENERAL INFORMATION

## INTRODUCTION

As we approach the 2017-2018 school year, we want you to be aware of all that Key West High School has to offer. There are a variety of course offerings for all levels and interests. It is also important to know the graduation requirements for your specific cohort (based on the year you entered high school). This guide includes required courses as well as possible electives. Whether your goal is college, career, or military, our staff is here to support you in achieving your goals. Please explore your options, talk to your parents and your counselor to ensure that the choices you make help you achieve your goal.

## ACADEMICS

Key West High School offers a varied, rigorous, challenging curriculum at all grade levels. For our seven period day, the offerings include Advanced Placement courses, Dual Enrollment courses, honors, and regular level courses, vocational/career programs (some leading to industry certifications), ESE courses, and various electives. Our highly qualified faculty is dedicated to your success. However, your active participation is paramount. Key West High School is accredited by the Southern Association of Colleges and Schools, Grade B and a Five Star School.

## REGISTRATION

Students new to our community should call the Registrar’s Office at 293-1549 ext. 54340 to make an appointment for registration. Students from Horace O’Bryant Middle School, The Basilica School, Sigsbee Charter School, Grace Lutheran and Sugarloaf Middle School, will register in February when high school guidance counselors visit their schools. Students attending Key West High School will register for the following school year during February and March. We encourage students, after discussion with parents, teachers and counselors, to choose their courses with care. **Teacher recommendation, test data or prerequisites may have an impact on course placement.**

## SCHEDULE CHANGES/DROP & ADD POLICY

A student may request a schedule change through his/her guidance counselor. Appropriate requests will be processed given the following guidelines:

1. Students registered in February and March will have until May 1st to request changes.
2. Schedule change requests may be made during the **first two weeks** of a new semester if the student has been placed in the wrong class. Schedule changes are not made based on the teacher assigned. Second semester changes are done only for special circumstances with counselor’s approval.
3. Key West High School reserves the right to change individual student schedules to comply with Monroe County School Board and Department of Education

policies, including balancing classes. Every effort will be made not to disrupt the educational process when such changes become necessary.

4. A student may not drop a KWHS class after the 4 1/2 week progress report period to enroll in Florida Virtual School.

## STUDENT SERVICES

The Student Services Department offers a wide range of support services to students, parents, and staff. Students work with an academic counselor on an individual basis. The counselor will remain with them through their final three years, enabling the counselor to work closely to help students meet graduation requirements, explore their interests and stay on a path to reach their goal. Our total services include registration, academic advisement and counseling; career planning; goal setting; standardized testing; transcripts and records; individual, group and family counseling; coordination of parent/student/teacher conferences; college and scholarship search assistance; and health screening; and a liaison with community youth service providers. Please call to make an appointment.

<b>FOR ASSISTANCE</b>	<b>Call 293-1549</b>	
<b>Registrar and Records</b>	<b>Ivy Faatuai</b>	<b>ext. 54340</b>
<b>Senior Counselor</b>	<b>Linda Missert</b>	<b>ext. 54316</b>
<b>Junior Counselor</b>	<b>Vicki Cooper</b>	<b>ext. 54309</b>
<b>Sophomore Counselor</b>	<b>Wanda Spencer</b>	<b>ext. 54388</b>
<b>Freshmen Counselor</b>	<b>Debbie Morales</b>	<b>ext. 54313</b>
<b>College/Career Advisor</b>	<b>Gavin Townsend</b>	<b>ext. 54307</b>
<b>Transition Counselor</b>	<b>TBD</b>	<b>ext. 54410</b>
<b>ESE Staffing Specialist</b>	<b>Erika MacWilliam</b>	<b>ext. 54312</b>
<b>Resource Officer</b>	<b>Tom Clark</b>	<b>ext. 54436</b>

<b>Activities Director</b>	<b>Sarah Sheer</b>	<b>ext. 54417</b>
<b>Athletic Director</b>	<b>Neda Jackson</b>	<b>ext. 54339</b>

<b>Principal</b>	<b>Amber Archer Acevedo</b>	<b>ext. 54303</b>
<b>Assistant Principal</b>	<b>Jessy Archer</b>	<b>ext. 54325</b>
<b>Assistant Principal</b>	<b>Dave Perkins</b>	<b>ext. 54318</b>
<b>Assistant Principal</b>	<b>Chris Valdez</b>	<b>ext. 54305</b>

<b>Office Manager</b>	<b>Tiffany Freeman</b>	<b>ext. 54303</b>
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**Feb. 6**

# PROGRAMS AND TESTING

## ADVANCED PLACEMENT

Advance Placement (AP) is a nationally standardized program, created by the College Board, which offers college-level curricula and examinations to high school students. The program allows highly motivated students to access rigorous college-level work before completing the twelfth grade. American colleges and universities often grant placement and course credit to students who obtain high scores (3,4,5) on the AP examinations. Advanced Placement courses are challenging and thought-provoking, often taking more time and requiring more work than other high school courses, including summer assignments.

## ADVANCED PLACEMENT EXAMS

Advanced Placement exams are taken in May by students all over the world. These standardized exams are designed to measure how well content and skills of the course have been mastered. The results are mailed to the home, high school, and to identified colleges. Successful scores can earn college credit at most colleges, but the student should verify individual colleges' policies.

## DUAL ENROLLMENT

Dual Enrollment, a program established by the Florida College System (previously known as the Florida Community College System), allows high school students an opportunity to enroll in postsecondary courses to receive both high school and postsecondary credit for courses completed successfully. Minimum admission requirements include a 3.0 unweighted GPA and minimum test scores on the Postsecondary Education Readiness Test (PERT), SAT or ACT.

## EXCEPTIONAL EDUCATION

Special programs are available to meet the needs and abilities of the exceptional students staffed into one of the programs. Students must meet the requirements for eligibility through the Florida Department of Education and IDEA guidelines. See the Special Education section in the guide.

## HIGH SCHOOL ABSENCE POLICY and GRADES

Students in grades 9-12 must be in attendance for a minimum of 135 hours of instruction in each subject in order to receive credit for the school year. Thus, a student can only have a maximum of 9 absences during a semester. If the minimum attendance requirement is not met, students must demonstrate mastery of the performance standards in the course. The final exam in the course will serve as the competency-based exam and the passing of the final, when combined with the other grades earned, shall enable a student with less than 135 hours of instruction to pass a course if the number of required points have been earned. Written notes from parents are required or excused absences within two days of the absence. **Please see the student planner for more details regarding the attendance policies and reasons for excused absences.**

## STANDARDIZED TESTING

Students must pass the following statewide assessments:

- Grade 10 FSA/ELA (depending on cohort group) or earn a concordant score on the ACT/SAT

- Algebra I End-of-Course (EOC) exam or a comparative score on the Postsecondary Education Readiness Test (PERT)

Students must participate in the State of Florida EOC assessments and the results constitute 30% of the final course grade. The assessments are in the following subjects:

- |           |              |
|-----------|--------------|
| Algebra I | Biology      |
| Geometry  | U.S. History |
| Algebra I |              |

Additionally, the student must take the District End-Of-Course (EOC) exam for each course they take.

## ASVAB - Armed Services Vocational Aptitude Battery

The ASVAB is an optional multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success. It is a comprehensive career exploration and planning program. The ASVAB is administered annually, in the fall, to juniors and seniors who sign up to take it. There is no commitment to military service for the students taking the test.

## PERT - Postsecondary Education Readiness Test

The PERT is Florida's common placement test used by all 28 institutions of the Florida College System (formerly known as the Florida Community College System). At Key West High School, the PERT is administered to three groups of students: 1) All students enrolled in Algebra II to determine college readiness for dual enrollment courses, specifically Dual Enrollment College Algebra; 2) All Juniors to determine a need for future Math instruction in the senior year of high school; 3) 11th and 12th grade students who have not passed the Algebra I EOC ( a math score of 97 is a concordant score).

## PSAT/NMSQT – Preliminary Scholastic Aptitude Test/ National Merit Scholar Qualifying Test

The PSAT promotes college readiness by providing students, parents and educators with detailed feedback on students' skills in critical reading, mathematics, and writing skills. It also provides tools for improvement in these three subject areas and college planning. The PSAT is given in October to students in grades 9-11 if funding is available.

## SAT I – Scholastic Aptitude Test

The SAT is an objective test designed to measure how well students have developed their verbal, math, and writing skills. It is administered on various dates during the year and fees are assessed. Optimum test dates are three times during the junior year and again in the fall of the senior year, if necessary. Results are mailed to the students' homes, high school, and specified colleges and universities. Results are also available on-line, roughly three weeks after each test. Registration materials are available in the Guidance Office.

## SAT II

SAT-II tests are one hour tests designed to measure a student's level of achievement in a particular subject. They are given in such academic subjects as science, math, and foreign languages. Students should consult specific colleges to see whether these exams are required and which test date is preferred. The tests are given on the same dates as SAT-I; however, both tests cannot be taken on the same day. Registration materials are available in the Guidance Office.

# ATHLETICS

The Fighting Conchs are sports teams that focus on sportsmanship, leadership and scholarship. The expectation is that our athletes show pride and commitment both on the field and off. We promote athleticism through conditioning programs during the off season for many sports and scholarship through our assistance programs while students are in school in addition to promotion for those wishing to continue their sports career after graduation.

To participate in interscholastic athletic events for a Monroe County School you must:

1. Maintain a cumulative 2.0 GPA on an unweighted 4.0 scale.
  2. Comply with all state, county, and school codes of conduct.
  3. Complete all permission/physical/field trip/commitment forms.
  4. Comply with school's drug testing policy.
  5. For NCAA eligibility, a 2.3 GPA is required in core courses.
- For further information, please see Athletic Director Neda Preston.

## Fall Sports (August-October)

Girls Volleyball  
Football  
Swimming  
Cross Country  
Golf

## Winter Sports (October-February)

Girls Soccer  
Boys Soccer  
Girls Basketball  
Boys Basketball  
Wrestling  
Competition Cheerleading

## Spring Sports (February-April)

Softball  
Baseball  
Track  
Tennis  
Lacrosse

## Performance Groups

Band  
Chorus  
Conchettes  
Sideline Cheerleading

# ACTIVITIES/CLUBS

Key West High School is proud to offer close to 40 Clubs for students to explore the world around them and grow through these extra-curricular experiences. Life-long friendships and meaningful relationships with advisors are formed and students who participate in clubs feel a greater connection to KWHS and our community. Life skills such as time management, organization, project management, teamwork, and conflict resolution are focuses and help students in their post-graduation plan. We encourage students to participate in authentic club membership by being an active member in two clubs. There is something for everyone at KWHS! Please see Student Activities Director Jessy Archer for more information.

## Academic Clubs

Academic Challenge  
Spanish Club  
French Club  
NJROTC  
Ocean Science Team  
HOSA  
Art for the World

## Honor Clubs

National Honor Society  
Beta Club  
Mu Alpha Theta  
National Art Honor Society

## Service Clubs

Z Club  
Interact  
Project Unify

## Student Leadership

Student Council  
Class Executive Boards  
CSALT - Athletic Leadership  
Keys to Be the Change

## Special Interest Clubs

Police Explorers  
Book Club  
Youth Alive  
SWAT  
Project Protect  
Gay Straight Alliance  
HOPE  
Stand Up  
Future Educators of America  
Beach Volleyball Club  
Wakeboard Club  
Reef Relief  
Chess Club  
Gardening Club  
Anime Club  
KWHS Graphics

# ACADEMIC/OTHER INFORMATION

## ACT – American College Test

The American College Testing Program measures scholastic aptitude in English, mathematics, social studies, and natural sciences. This test is accepted for admissions by most colleges and universities. Optimum test dates are in the junior year, two to three times and again in the fall of the senior year, if necessary. Results are mailed to the students' homes, high school, and specified colleges and universities.

## ACT Plus Writing Test

Students who plan on attending a four year college after high school should take the ACT Plus Writing Test. The test is administered at FKCC, and registration materials are available in the Guidance Office.

Key West High School's CEEB Test Code: 100845

## DIPLOMA AND UNIVERSITY INFORMATION

See following pages for diploma requirements, university requirements, financial aid information and Bright Future Scholarship Information.

## NCAA GPA/SAT/ACT Sliding Scale

There is a NCAA Division I Sliding Scale for college-bound student-athletes listed below. For the complete listing and more NCAA information, see the Athletic Director or visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

GPA	SAT	ACT	GPA	SAT	ACT
2.500	820	68	2.225	930	78
2.475	830	69	2.200	940	79
2.450	840-850	70	2.175	950	80
2.425	860	70	2.150	960	80
2.400	860	71	2.125	960	81
2.375	870	72	2.100	970	82
2.350	880	73	2.075	980	83
2.325	890	74	2.050	990	84
2.300	900	75	2.025	1000	85
2.275	910	76	2.000	1010	86
2.250	920	77			

## DETERMINATION OF VALEDICTORIAN AND SALUTATORIAN

It is the policy of the school board that annual scholastic grade point averages shall be calculated for, and assigned to, students in grades nine through twelve. The cumulative scholastic grade point average for a student at the end of the eighth semester shall be used to determine the student's senior class rank.

A scholastic grade point average based on semester final grades shall be calculated at the end of each academic year for each student in grades 9 through 12 based on the district's grade weighting policy. High school core courses taken at the middle school will be included in the Valedictorian/Salutatorian calculation.

- Grades transferred from other accredited public schools which were earned in courses coded as "high school" in the Florida Department of Education's Course Code Directory and Dual Enrollment "DE" courses in the core courses areas (as per the Course Code equivalency list) which include the following: Math, English, Science, History/Social Studies (as required for graduation), and World Language in the core course areas shall be included in calculating the Valedictorian/Salutatorian GPA.

- Elective grades earned by a student while in "home school" or "correspondence school" shall not be used in calculating Valedictorian/Salutatorian.

- Elective grades earned by a student while attending a private school or private tutoring program shall not be used in calculating Valedictorian/Salutatorian.

- Students participating in an Early Admissions Program shall not be eligible for Valedictorian/Salutatorian.

- Grades earned by a student while enrolled in a Virtual Instructional Program must meet the NCAA guidelines in order to be included in a student's Valedictorian/Salutatorian GPA calculation. Virtual Instruction courses to be included in the calculation for Valedictorian and Salutatorian must be in the core course areas which include the following: Math, English, Science, History/Social Studies (as required for graduation), and World Language.

- A student must be enrolled in the Monroe County School District (MCSD) for a minimum of two complete school years and in Key West High School one full year to be eligible for Valedictorian/Salutatorian.

*Student's eligibility for their highest academic honor will be calculated by using a weighted GPA.*

ACADEMIC HONOR	WEIGHTED GPA
Summa Cum Laude	Greater than or equal to 4.5
Magna Cum Laude	Greater than or equal to 4.25
Cum Laude	Greater than or equal to 4.0

## RECOGNITION

- Key West High School recognizes students on a quarterly basis for Honor Roll, Citizenship and Perfect Attendance.
- Conch Pride Award winners are selected at the end of each year in grade levels 9-11 in various categories for exemplary performance in those areas.
- Seniors, upon graduation, are recognized for scholarship, service and many other areas. Scholarships and awards are presented throughout graduation week activities.

# Graduation Requirements

## **MCSD 26-Credit Diploma**

### **4 Credits English Language Arts (ELA)**

- ELA Regular or Honors I, II, III, IV
- Identified AP, AICE, IB or DE courses may satisfy the requirement

### **4 Credits Mathematics**

- One of which must be Algebra 1 and one of which must be Geometry
- Industry certifications that lead to college credit may be substituted for up to two math credits except for Algebra I and Geometry

### **4 Credits Science (State requires 3)**

- One of which must be Biology 1, two of which must be equally rigorous science courses
- Two of the three required credits must have a laboratory component
- Industry certifications that lead to college credit may be substituted for up to one science credit except for Biology
- An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit except for Biology

### **4 Credits Social Studies (State requires 3)**

- 1 credit in World History
- 1 credit in U.S. History
- .5 credit in U.S. government
- .5 credit in Economics with Financial Literacy

### **1 Credit Fine and Performing Arts, Speech and Debate or Approved Practical Arts\***

### **1 Credit Physical Education (HOPE)\***

\*Eligible courses are specified in the Florida Course Code Directory <http://www.fldoe.org/articulation/CCD/default.asp>

### **8 Elective Credits**

### **1 Online Course**

Students must earn a 2.0 grade point average on a 4.0 scale and pass the required statewide assessments.

## **Diploma Designations**

### **Scholar Diploma Designation**

In addition to meeting the 24-credit standard high school diploma requirements a student must:

- Pass the FCAT 2.0 or the ELA statewide assessment
- Earn 1 credit in Geometry and pass the EOC
- Earn 1 credit in Algebra II and pass the EOC
- Earn 1 credit in statistics or an equally rigorous mathematics Course
- Earn 1 credit in Biology I and pass the EOC
- Earn 1 credit in chemistry or physics
- Earn 1 credit in a course equally rigorous to chemistry or physics
- Earn 1 credit in U.S. History and pass the EOC
- Earn 2 credits in the same world language
- Earn at least 1 credit in Advance Placement (AP), IB, AICE or a dual enrollment course

A student is exempt from the Biology I or U.S. History assessment if the student is enrolled in an AP, IB or AICE Biology I or U.S. History course and if the student takes the respective AP, IB or AICE assessment; earns the minimum score to earn college credit.

### **Merit Diploma Designation**

In addition to meeting the standard high school diploma requirements a student must attain one or more industry certifications from the list established (per s.1003.492, F.S.).

### **Biliteracy Seal**

Beginning with the 2016-2017 school year, the Gold Seal of Biliteracy or the Silver Seal of Biliteracy must be awarded to a high school student who has earned a standard high school diploma who:

- Has earned four foreign language course credits in the same foreign language with a cumulative 3.0 GPA
- Has achieved a qualifying score on a foreign language assessment or
- Has satisfied alternative requirements as determined by the State Board of Education pursuant to subsection (8).

# SPECIAL EDUCATION

## **ACCESS English ¾ - Course # 7910112 (1 credit)**

Description: The purpose of this course is to provide students with disabilities to share knowledge, information, experiences, and adventures through the comprehension and use of written and oral language and to be able to interact productively and effectively with the world around them. In addition, they must know how to access knowledge and information through a variety of media for a variety of purposes. They should have the opportunity to access literature through traditional reading (comprehending written text), shared or recorded literature, specially designed text or the use of technology. Technology can be utilized for their writing. The content includes: the reading process, literary analysis, the writing process, writing applications, communication, information, and media literacy.

## **ACCESS Economics with Financial Literacy – Course # 7921022 (1/2 credit)**

Description: The purpose of this course is to provide students with significant cognitive disabilities access to the concepts and content of economics and how resources affect global cultures and dynamics. The content of this course includes: fundamental concepts of local, national, and international economics; maps and other geographic representations, tools and technology; physical and cultural characteristics of places; relationships between the Earth's ecosystems and the population that dwell within them; and the characteristics, distribution, and migration of human populations.

## **ACCESS U.S. Government - Course # 7921015 (1/2 credit)**

Description: The purpose of this course is to provide students with cognitive disabilities an understanding of how humans interact with their environment, the concept of citizenship and how to contribute to their communities, advocate for themselves and develop both civic and social competence. The content includes: origins and purposes of government, law and the American political system; roles, rights, and responsibilities of United States Citizens; principles, functions and organization of government; United States foreign policy; characteristics, distribution, and migration of human populations; and human actions that impact the environment.

## **ACCESS Earth/Space Science – Course # 7920020 (1 credit)**

Description: The purpose of this course is to provide students with significant cognitive disabilities access to the concepts and content of Earth/Space Science. This includes understanding the dynamic relationship between the environment, the Earth and the universe and how this improves the ability to predict how we impact our surroundings and prepares us to respond to and interact with the forces and objects of nature. The content includes: Earth systems, structures, and processes; natural forces, and their effect on Earth and the universe; the transfer of energy and matter; the dynamic nature of the geosphere; the water cycle, weather, and climate; investigative methodology; and renewable and non-renewable energy resources.

## **Minimum State University Entrance Requirements**

### **State University System**

Admission into Florida's public universities is competitive. Prospective students should complete a rigorous curriculum in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements:

- |  |   |
|--|---|
| High school graduation with a standard diploma     |   |
| Admission test scores                              | 2 approved electives                                |
| 16 credits of college preparatory academic courses | 3 Social Studies                                    |
| 4 English (3 with substantial writing)             | 3 Natural Science (2 with substantial lab)          |
| 4 Mathematics (Algebra 1 level and above)          | 2 World Language (sequential, in the same language) |

[www.flbog.edu/forstudents/planning](http://www.flbog.edu/forstudents/planning)

# EXCEPTIONAL EDUCATION

## EXCEPTIONAL EDUCATION

**New Rule 6A—1.09963, High School Graduation Requirements for Students with Disabilities**

4 Credits ACCESS English Language Arts		
ACCESS English 1/2	7910111	
ACCESS English 3/4	7910112	
4 Credits of ACCESS Mathematics		
ACCESS Algebra 1A <sup>®</sup>	7912080	
ACCESS Algebra 1B <sup>®</sup>	7912090	
ACCESS Geometry <sup>®</sup>	7912060	
ACCESS Liberal Arts	7912070	
<b>*Must have credit in ACCESS Algebra &amp; Geometry</b>		
3 Credits of ACCESS Science		
ACCESS Integrated Science 1	7920025	
ACCESS Biology 1 <sup>®</sup>	7920015	
ACCESS Chemistry 1	7920011	
ACCESS Earth/Space Science	7920020	
<b>*Must have credit in ACCESS Biology 1</b>		
3 Credits of ACCESS Social Studies		
ACCESS World History	7921027	
ACCESS U.S. History <sup>®</sup>	7921025	
ACCESS Econ w/Fin. Lit	7921022	0.5
ACCESS U.S. Government	7921015	0.5
<b>*Must have a credit in ACCESS U.S. History</b>		
1 Credit Fine Arts		
1 Credit Physical Education		
ACCESS HOPE	7915015	
8 Elective Credits		

### GENERAL NOTES

**Access Courses:** Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

#### **ACCESS Geometry – Course # 7912065 (1 credit)**

**Description:** The purpose of this course is to develop the Geometric concepts and processes that can be used to analyze and solve a variety of routine and non-routine real-world and mathematical problems.

**Content includes:** content-related vocabulary; attributes of lines, planes, and solids; properties of size, shape, position, and space; variables and their impact on outcomes, and varied solution strategies to solve real-world problems.

# Graduation Requirements for Florida’s Statewide Assessments

## OVERVIEW

According to Florida Law, students must meet all academic requirements in order to earn a standard high school diploma from a public school. This means that students must pass required courses, earn a minimum number of credits, earn a minimum grade point average and pass the required statewide assessments. Students who meet these requirements but do not pass the required assessments will receive a Certificate of Completion, which is not equivalent to a standard high school diploma. Passing scores for the statewide assessments are determined by the State Board of Education.

## GRADUATION REQUIREMENTS

The assessments students must pass in order to graduate with a standard high school diploma are determined by their year of enrollment in grade 9. The table below lists the required assessments for each grade 9 cohort which includes the FSA ELA statewide assessment and the Algebra I End-of-course assessment. Passing score for the FSA ELA is 350 and the passing score for the Algebra I EOC is 497. Concordant scores for the FSA ELA may be obtained on the ACT or SAT and for the Algebra I EOC on the PERT.

### Assessments Requirement by School Year

School Year When Assessment Requirements Began for Students Entering Grade 9	Assessments that Students Must Pass in Order to Graduate
2011-12 to Present	Grade 10 FSA/ELA Algebra 1 EOC Assessment

## RETAKE STATEWIDE ASSESSMENTS

Students can retake the Grade 10 FSA ELA statewide assessment and the Algebra I EOC assessment each time the test is administered until achieving a passing score, and students can enroll beyond the twelfth-grade year should they need additional instruction to pass an assessment.

Students that earn less than a 3 on the Geometry, Biology or US History EOC may retake them for a proficient score.

### WEBSITES FOR INFORMATION

Key West High School—[kwh.keysschools.com](http://kwh.keysschools.com);  
Monroe County School District—[keysschools.com](http://keysschools.com);  
Common Core, state testing or the Florida Department of Education—[www.fl DOE.org/](http://www.fl DOE.org/)

### FINANCIAL AID

The Office of Student Financial Assistance administers a variety of postsecondary educational state-funded grants and scholarships.

[www.floridastudentfinancialaid.org/](http://www.floridastudentfinancialaid.org/)

### BRIGHT FUTURES

The Florida Bright Futures Scholarship Program rewards student for their academic achievements during high school by providing funding to attend a postsecondary institution in Florida.

[www.floridastudentfinancialaid.org/SSFAD/bf/](http://www.floridastudentfinancialaid.org/SSFAD/bf/)

# ENGLISH/LANGUAGE ARTS

**SUMMER READING \*\*** *Summer reading is offered and students are given the opportunity to take an objective test over each book read to receive extra credit up to 10% added to the first period final grade. Summer assignments are requirements in AP Courses.*

## **ENGLISH I—1001310** **Grade 9**

English I offers a carefully articulated, engaging, and rigorous English Language Arts curriculum of instruction that provides students with the skills and knowledge necessary to compete in the 21st century. SpringBoard, the curriculum used, provides students ample opportunity to refine and master strategies that will enhance their ability to understand and analyze any challenging text, to write with clarity and voice, to speak and listen in order to communicate and work effectively with others, and to view media with a critical intelligence.

## **ENGLISH I HONORS —1001320** **Grade 9**

English I Honors offers a carefully articulated, engaging, and rigorous English Language Arts curriculum of instruction that provides students with the skills necessary to compete in the 21st century. SpringBoard, the curriculum used, provides students ample opportunity to refine and master strategies that will enhance their ability to understand and analyze any challenging text, to write with clarity and voice, to speak and listen in order to communicate effectively with others, and to view media with a critical intelligence. Content is presented at an accelerated rate, requiring independent research and increased outside reading and writing. Some typewritten assignments are required.

## **ENGLISH II—1001340** **Grade 10**

English II promotes excellence in English language arts through the study of world literature and enriched experiences in composition, speech and listening skills. SpringBoard provides students ample opportunity to refine and master strategies that will enhance their ability to understand and analyze any challenging text, to write with clarity and voice, to speak and listen in order to communicate and work effectively with others, and to view media with a critical intelligence.

## **ENGLISH II HONORS—1001350** **Grade 10**

English Honors 2 promotes excellence in English language arts through the study of world literature and enriched experiences in composition, speech and listening skills. SpringBoard provides students ample opportunity to refine and master strategies that will enhance their ability to understand and analyze any challenging text, to write with clarity and voice, to speak and listen in order to communicate and work effectively with others, and to view media with a critical intelligence. Content is presented at an accelerated rate, requiring independent research and increased outside reading and writing. Some formal, typewritten assignments are required.

## **WORLD LITERATURE HONORS**

### **Pre-Requisites Required** **Grade 10**

The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of world literature through integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative world literature, with its varied cultural influences, highlighting the major genres, themes, issues, and influences associated with the selections. This is a rigorous course that includes the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning.

## **ENGLISH III—1001370** **Grade 11**

English III provides instruction in American literature and in applied communication skills. Composition activities include frequent practice in writing various types of multi-paragraph papers, including a research paper. Reference, note-taking and critical viewing/listening/thinking skills will be stressed. The study of American literature will include the analysis of representative examples of American literary works in various genres as they illustrate distinctive national qualities. Applied communications lessons will include practice in reading, writing, listening and speaking skills as they relate to real life situations.

## **ENGLISH III HONORS —1001380** **Grade 11**

English Honors 3 promotes excellence in language arts through the study of American Literature. The course of study will include extensive reading to expose students to literature that reflects America's cultural heritage, demonstrates literacy trends and cultural and historical influences. Writing instruction will focus on exposition and critical forms. Critical thinking and note-taking skills are emphasized. Test taking skills instruction will center on the college boards: ACT and SAT. Content is presented at an accelerated rate, requiring independent research and increased outside reading and writing. Some formal, typewritten assignments are required including a research paper.

# CAREER TECH and GENERAL ELECTIVES

## **CAREER TECHNICAL**

### **CRIMINAL JUSTICE OPERATIONS 1 —8908010**

This Criminal Justice program includes an introduction to the criminal justice system, crime causation issues, police ethics, employability skills, evidence collection procedures, the court system, trial procedures, and the corrections system. These courses are designed to introduce students to law enforcement, the court system, the corrections system, and the issues facing these fields today. The content includes interpersonal, communication, and employability skills in the criminal justice system.

### **CRIMINAL JUSTICE OPERATIONS 2 - 8919020**

This course is to introduce the student to the characteristics and procedures of patrol, complete written reports, and crime prevention programs. Students will also describe guidelines for Use-of-force, perform CPR/ first aid techniques, and procedures to protect from Blood-Borne pathogens. Training for Traffic Control Officer and Parking Enforcement Specialist IAW Florida Statute 316.640 will be accomplished.

## **GENERAL ELECTIVE**

### **NAVAL SCIENCE I-IV 1802300-1802330 (NJROTC)**

The purpose of this series of courses is to introduce students to the precepts of self-discipline, citizenship, the elements of leadership, and the value of scholarship in attaining life goals. This course will also enable students to develop appreciation for maritime heritage and traditions of America and recognize the role of sea power in the future of the United States of America. Successful completion of the NS-1 and NS-2 courses satisfies the HOPE credit requirement. Entry into a military service is not a requirement for this class.

### **PSYCHOLOGY—2107300**

The purpose of this highly interactive course is to acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals.

### **WORLD RELIGION—2105310**

This course consists of the following content area strands: World History, Geography and Humanities. The primary content emphasis for this course pertains to the study of major world religious traditions. Students will identify criteria upon which religious beliefs are based, analyze relationships between religious and social and political institutions, trace the major developments of the world's living religions, distinguish the similarities and differences among the world's major religious traditions, synthesize information and ideas from conflicting religious beliefs, and interpret the development of a society as reflected by its religious beliefs.

### **JOURNALISM I—1006300**

Students will learn introductory concepts with an emphasis on freedom of the press, duties and responsibilities of the press, First Amendment rights, propaganda, advertising techniques and careers in journalism. There will be an inclusion of photojournalism. This is a prerequisite to Snapper and Yearbook.

### **JOURNALISM II, III, IV - 1006310-1006330**

#### **Prerequisite—Journalism I /Instructor approval**

Students concentrate on a variety of writing tasks for both the Conch yearbook and/or The Snapper school newspaper. These skills include types of writing such as straight news, features, news features, editorial review, editorial columns, sports and sports editorials.

### **SAFETY and DRIVER EDUCATION - 1900310**

The purpose of this course is to introduce students to the highway transportation system and to strategies that will develop driving knowledge and skills related to today's and tomorrow's motorized society. It will also provide an in-depth study of the scope and nature of accident problems and their solutions. Students must be at least 15 years of age and will be required to have a Learner's Permit. This is a semester course and will be paired with another semester course.

### **DIVERSIFIED CAREER TECHNOLOGY (DCT) 8303010**

This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources and labor skills; America's economic principles; entrepreneurship principles; relate planning methods to life and career goals; and use of industry/technology principles in the workplace. Completion of DCT is a prerequisite for OJT courses.

### **DCT/OJT - 8300410** **Grades 10-12**

This course is designed to enable each student to demonstrate competencies in a specific career and to demonstrate legal and ethical behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for the student to become competent in the occupation for which he/she is being trained. The training plan is the "curriculum" for the on-the-job training and the time card is the attendance record.

### **LEADERSHIP TECHNIQUES—2400310** **Grades 10-12**

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, and the role of leadership in a democratic society.

## FINE ARTS ELECTIVES

### INTRODUCTION TO ART HISTORY—0100310 Online

A fun-filled, hands-on approach to learning art history! Students will explore the Internet for references, discuss art topics and create enjoyable works of art. This course is 100% online. Students need weekly access to a computer and a digital camera (or phone that take photos) to transfer images of art creations.

### CREATIVE PHOTOGRAPHY I—0108310 Online

The purpose of this course is to give students a basic understanding of photographic imagery. Students will use digital computer technology to create photographs. This course focuses on composition and photo techniques. Students need weekly access to a computer and a digital camera (or phone that take photos).

### CREATIVE PHOTOGRAPHY II/III HONORS Online

Students will learn to capture events and moments with a digital camera. They will learn basic composition techniques and Photoshop skills. Students will research and write about experiences and episodes. This is also a feeder course into AP Photography. Lab Fee \$70.00.

### BEGINNING ART2-D - 0101310

This is a beginning drawing and painting art class. It covers general art techniques that will be required knowledge for most other art courses. Anyone who is interested in pursuing an art track at KWHS should enroll in this course. Beginning 2D Art is also for students who want to fulfill an art credit and enjoy doing hands-on art projects. Lab fee \$35.00.

### ADVANCED DRAWING/PAINTING 1 - 0104320

This is an advanced art course for students who are interested in art. Students will create works of art in pencil, colored pencil, water color and acrylic paint. The focus is on technique and preparing students for AP Art and College. Prerequisite for this course is Art 2D. Lab Fee \$35.00.

### CERAMICS/POTTERY I - 0102300

The purpose of this class is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and non-functional works of ceramic and pottery using basic hand-building techniques. Lab fee \$35.00.

### ADVANCED CERAMICS/POTTERY II & III HONORS-

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 intermediate level hand-building and basic wheel-throwing techniques. III Honors class has an online component. Lab fee \$35.00

### PORTFOLIO DEVT. (DRAWING HONORS/2D DESIGN HONORS/3D DESIGN HONORS) Hybrid course

This course enables students to explore advanced art techniques and create a portfolio. Lab fee \$40.00

## GENERAL ELECTIVES

### TEAM SPORTS I/II -1503350/1502260

This course will provide students with the opportunity to acquire knowledge of strategies of team sports, develop skills in selected team sports and maintain and/or improve their personal fitness. Team sports may include basketball, flag football, soccer, speedball, track and field and volleyball. Each is a semester course.

### WEIGHT TRAINING—Beginning, Intermediate, Advanced 1501340-1501560

The purpose of these courses are to enable students to acquire basic knowledge and skills or advance their knowledge and skills in weight training. They will improve muscular strength and endurance and enhance their fitness level and self-image.

### PEER COUNSELING I/II—1400300/1400310

Juniors/Seniors only, 3.0 or higher GPA required

This course allows students to mentor other students and assist teachers through the development of leadership skills.

### PERSONAL, CAREER AND SCHOOL DEVELOPMENT

SKILLS - 0500500

Grades 9-12

The purpose of this course is to provide students with an opportunity to experience success in school and improve attitudes and behaviors towards learning, self, school and community. The private sector is involved in the collaboration in a variety of ways. These include tutoring of students, mentoring, serving as guest speakers or workshop leaders, donating materials/equipment/facilities, providing financial/in-kind support for motivation and recognition awards, offering work experience or job-shadowing opportunities, funding scholarships.

### CAREER RESEARCH/ DECISION MAKING

1700380

Grades 10-12

This semester course explores careers through the CHOICES program and provides students with information that can assist with career planning.

### AVID—1700390

Grade 9 - 11

AVID is offered as a rigorous academic elective that prepares students for success in four-year colleges. Students receive instruction utilizing a rigorous college preparatory curriculum that includes study groups, motivational activities and academic survival skills. There is an analysis on analytical writing, preparation for college entrance and placement exams, study skills, note taking and research. AVID students will participate in activities that incorporate strategies focused on writing, inquiry, collaboration and reading to support their academic growth.

*Courses in the Curriculum Guide are subject to availability, teacher certification and class size mandates. Students are asked to provide alternate elective choices in the event a preferred course cannot be offered.*

## ENGLISH/LANGUAGE ARTS

### AP ENGLISH LANGUAGE AND COMPOSITION—1001420

Grades 11 or 12

AP English Language and Composition includes both the reading and analysis of discursive prose and the study of the process of writing, including rhetorical strategies. Students study prose from various fields and periods. This intensive writing course prepares students to do well on the AP exam for which they can receive college credit with a score of 3 or higher. This course meets the English requirement for juniors or seniors and course requirements for Florida Academic Scholars. Due to the extensive amount of reading and writing in the course, students are required to complete summer writing and reading assignments. For optimal success, students should have passed English Honors the previous year with a B or higher and achieved a Level 4 or higher on the FCAT Reading and Writing assessments.

### ENGLISH 4—1001400

Grade 12

The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature. English IV provides instruction in British literature by using the reading process to construct meaning using technical, informative, and imaginative texts. The writing process is used with an emphasis on style and format by using the research process to locate, analyze, and evaluate information.

### ENGLISH HONORS 4—1001410

Grade 12

English Honors 4 promotes excellence in language arts with a focus on the study of British literature. The course of study will include extensive reading to expose students to literature that reflects British cultural heritage, demonstrates literary trends, and cultural and historical influences. Writing instruction will focus on expository and critical forms. Critical thinking and note-taking skills are emphasized. Test taking skills instruction will center on the college boards: ACT and SAT. Content is presented at an accelerated rate, requiring independent research and increased outside reading and writing. Some formal assignments are required, including a research paper.

### ELL ENGLISH I-IV

These courses are for English Language Learners and focus on the aspects of learning the English language as well as providing assistance with contest in other areas that will expand their English language capabilities.

### AP LITERATURE AND COMPOSITION Grade 12

Advanced Placement English Literature and Composition challenges mature, able students to explore a variety of literature in a rigorous, year-long course of critical reading, writing and discussion. One goal of the course is to prepare students to do well on the AP exam for which they may receive credit with a score of 3 or higher. The amount of reading is extensive and students are required to complete summer reading and writing assignments. For optimal success, students should have passed AP English Language with a B or higher.

### READING I-IV

The purpose of these courses are to enable students to develop and strengthen reading skills through integrated experiences in the language arts strands. Reading skills will be determined and an individual reading program designed to meet the specific need of the student. Emphasis will be on remediation, motivation and skill development. These courses are recommended for students scoring a Level 1 or 2 on the FSA/ELA during the previous year.

# CONCH PRIDE

**P - Pride**

**R - Respect**

**I - Integrity**

**D - Dedication**

**E - Excellence**

**These are the traits of a  
Key West High Conch!**

# SOCIAL STUDIES

## **WORLD CULTURAL GEOGRAPHY—2103300 Grade 9**

The purpose of this course pertains to the study of world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Content includes, but is not limited to, the use of geographic tools and skills to gather and interpret data and to draw conclusions about physical and human patterns, the relationships between physical geography and the economic, political, social, cultural and historical aspects of human activity.

## **AP HUMAN GEOGRAPHY—**

### **Prerequisites required for Grade 9/Grades 10-12**

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

## **WORLD HISTORY—2109310 Grade 10**

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.

## **WORLD HISTORY HONORS—2109320 Grade 10**

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. Content is presented at an accelerated rate, requiring independent research and increased outside reading and writing. Some formal, typewritten assignments are required.

## **AP WORLD HISTORY—2109420 Grade 10**

The purpose of this course is to assist students in understanding the development of Europe within the context of history by examining connections with the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

## **AP WORLD HISTORY—2109420 Grade 10**

The purpose of this course is to assist students in understanding the development of Europe within the context of history by examining connections with the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

## **US HISTORY—2100210 Grade 11**

This course traces the United States development with a focus on Post-Civil War History. Course content focuses on history, geography, economics, politics, religion, ethics, cultures and humanities.

## **US HISTORY HONORS—1200320 Grade 11**

This course covers areas described in American History with an emphasis on reading, research, writing, discussion and analyzing historical trends. Major political, military, economic, social, literary, religious and technological events and trends in the United States in the Post-Civil War era are covered at a rigorous pace.

## **AP US HISTORY - 2100330 Grade 11**

The AP US History course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in US history. Students will learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. Students successful in this course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly persuasively in an essay format.

## **AMERICAN GOVERNMENT—2106310 Grade 12**

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society. This is a semester course paired with Economics.

## **AMERICAN GOVERNMENT HONORS-2106320 Grade 12**

The primary content pertains to the study of government institutions and political processes and their historical impact on American society. Content is presented at an accelerated rate, requiring independent research and increased outside reading and writing. Some formal, typewritten assignments are required. This is a semester course paired with Economics.

# FINE ARTS ELECTIVES

## **FRESHMEN CHORUS I-1303300**

This course is open to any freshmen who like to sing and will follow directions. Concentration of curriculum will include, but not limited to standard choral literature, sight singing, tone production, and proper signing technique. Separate chorus for boys and girls. A uniform rental fee and software fee are required, with fundraising being available for students with financial needs.

## **CONCERT CHORUS (Mixed Chorus II-IV) -1303310 - 1303330**

This is the group known as the Key West High School Concert Choir. This chorus is intended for students in grades 10-12 who are beginners or have not yet mastered the skills necessary to become members of the Select Chorus, Misty's or VIP's. An audition is not required, only the desire to sing and the ability to follow directions. A uniform rental fee and software fee are required, with fundraising being available for students with financial needs.

## **SELECT CHORUS (Vocal Techniques II-IV) 1303400—1303430**

This chorus is an auditioned group of students from grades 9-12. Students wishing to be part of this group must pass an audition covering proper vocal technique and tone production as well as proficient sight reading at level 2 or above.

The main focus of this group will be the study and performance of standard choral literature from intermediate to advanced levels. After school rehearsals and many performances throughout the year will be required. A uniform fee and software fee are required, with fundraising being available for students with financial needs.

## **MISTY'S/VIP'S (High/Low Range Chorus) 1303360-1303390**

This chorus is an auditioned group of students from grades 10-12 (9th graders may be eligible after the first semester, but only in the most extraordinary circumstances). Students wishing to be part of this group must pass an audition covering proper vocal technique and tone production as well as proficient sight reading at level 3 or above. All students enrolled in this class must also be enrolled in another choral or band class. After school rehearsals and many performances throughout the year will be required. A uniform fee and software fee are required, with fundraising being available for students with financial needs.

## **MUSIC OF THE WORLD - 1300340**

Students explore the musical traditions of the 10th and 21st Century American and global communities around the world through the study of current trends focusing on the function of music within various cultures. Students examine and report on human activities involving music, technology and culture-related influences on music and the sounds and structures of musical composition. Public performances may serve as a resource for specific goals and students may be required to attend performances outside the school day to extend learning in the classroom.

## **MUSIC TECH AND SOUND ENGINEERING - 1304300**

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

## **INTRO to FILM and ENTERTAINMENT - 0400660**

The purpose of this course is to provide an introduction to all of the many aspects, roles, and careers associated with the television and entertainment industries. The content includes an overview of the many facets of television and entertainment production, but not limited to the following: technical terminology as applied to television, and entertainment and the role and influence of television and entertainment in history, culture and society.

## **HUMANITIES 1 HONORS (SURVEY OF THE ARTS 1) 0900305**

The purpose of this course is to enable students to examine, understand, and respond to creative efforts of individuals and societies through interdisciplinary study of the arts and their connections to areas such as history, literature, philosophy, and religion from early civilizations to 1500, including ancient Greece and Rome, the Byzantine empire, and medieval European society. This is a semester course.

## **HUMANITIES 2 HONORS (SURVEY OF THE ARTS 2) 0900315**

The purpose of this course is to enable students to examine, understand, and respond to creative efforts of individuals and societies through interdisciplinary study of the arts and their connections to areas such as history, literature, philosophy, and religion since 1500, including the Renaissance, the Scientific Revolution, and the Enlightenment, among others. This is a semester course.

## **MUSIC THEATRE 1 - 0400700**

This course will provide a survey of musical theatre from ancient Greece to modern Broadway. An overview of songs, dances, composers, production and stars. Major works to be examined include Phantom of the Opera, Grease, Hairspray, Chicago, Rent, A Chorus Line, Beauty and the Beast, Hamilton among others. Students may be required to attend performances outside the school day to support, extend, and assess learning in the classroom.

# FINE ARTS ELECTIVES

## WIND ENSEMBLE (Band I, II, III, IV, V\*, VI\*)

PREREQUISITE: AUDITION FOR BAND DIRECTOR  
CO-REQUISITE: MARCHING BAND

Membership in this advanced group is awarded only by audition. The audition will include all 12 major scales, two prepared etudes (assigned by the director) and sight reading. Participation in the marching band is a co-requisite. Attitude, maturity, ability, and selflessness are key ingredients for participation in this ensemble. The group consistently performs Grade 4-5 literature from the FBA List, which requires the utmost in concentration and musical dedication. This course requires students to participate in extra rehearsals and performances beyond the school day. Attendance at Pre-Season Training in August is required. Fundraisers are made available to defray costs. Band V (Juniors) and Band VI (Seniors) are for honors credit which will place greater demands on the student.

## SYMPHONIC BAND (Band I, II, III, IV)

CO REQUISITE: MARCHING BAND

Membership to this group is open to all students who play or wish to learn how to play a wind instrument (brass or woodwinds). Participation in the marching band is a co-requisite, as the Symphonic Band is part of the marching band. This course requires students to participate in extra rehearsals and performances beyond the school day. Attendance at Pre-Season Training in August is required. This group encourages and develops individual practice skills and large ensemble rehearsal techniques. The ensemble generally plays Grade 3-4 literature from the FBA Music Literature List. Fundraisers are available to help defray costs. Note: Percussionists must sign up for Percussion Class.

## PERCUSSION ENSEMBLE (Band I, II, III, IV, V\*, VI\*)

All percussionists in the band program are members of the Percussion Class. Members are instructed in all areas of percussion: techniques of marching percussion, concert percussion, and percussion ensembles. Highly accomplished members will be assigned parts to play with the Wind Ensemble, as parts are needed. All members will play in the percussion section with the Symphonic Band. Participation in the marching band is a co-requisite. This course requires students to participate in extra rehearsals and performances beyond the school day. Attendance at Pre-Season Training in August is required. Fundraisers are made available to defray costs. Band V (Juniors) and Band VI (Seniors) are for honors credit which will place greater demands on the student.

## JAZZ BAND I, II, III, IV-1302500-1302530

PREREQUISITE: DIRECTOR'S APPROVAL BY AUDITION  
CO-REQUISITE: Membership in Wind, Symphonic or Percussion Ensemble

This advanced Jazz Band provides advanced instruction in jazz-related rhythm, tone, style, concept, listening skills, woodwind doubling possibilities and improvisation. In addition to required performances in District and State Music Performance Assessments, this group also travels to jazz festivals and acts as the musical ambassadors of the KWHS band.

## STEEL BAND I/II/III/IV

The Steel Band serves those students interested in steel drum performance. The fundamental style of the class is Caribbean music, and students will develop the skills to read and interpret music. Focus is on the proper concepts and techniques for building musicianship and performance abilities.

## GITAR 1 - 1301320

Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

## GITAR 2 - 1301330

Students with previous guitar experience build on their skills and knowledge, adding chords, new strumming and finger-picking patterns, movable major and minor scales, basic music theory, and ensemble skills for a variety of music. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

## COLOR GUARD (EURYTHMICS) - 1305300 - 1305330

Membership in this group is determined by audition. This ensemble is a visual and dance group that performs with the Marching Band. Members are instructed in the skills of dance and flag technique. The Colorguard class meets daily during the regular school day. This course also requires students to participate in extra rehearsals beyond the school day which are held twice weekly after school during Marching Band Season and Winter Guard seasons. Fundraisers are made available to defray costs.

# SOCIAL STUDIES

## ECONOMICS w/ FINANCIAL LITERACY- 2102335 Gr 12

This semester course emphasizes the study of the concepts and processes of the national and international economic systems. Content is not limited to currency, banking and monetary policy, major economic theories and the business cycle. This course is paired with American Government.

## ECONOMICS w/FINANCIAL LITERACY HONORS

2102345 Grade 12

This semester 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 types of economic systems with particular attention to the American mixed market system. The major emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. the market place.

## EARTH/SPACE SCIENCE—2001310 Grade 9

The purpose of this course is to investigate the Earth's processes and materials with a focus on the properties of Earth in space. This is a laboratory class with a strong emphasis on scientific methodologies, data collection, graphing, and analysis as well as the development of scientific theory. Topics of study will include: Properties of Matter and Energy, the Electromagnetic Spectrum, Forces of the Universe, Matter of the Universe, Our Solar System, Earth's Structure, Oceans, Climate and Weather, Earth's Cycles and the Origin and Evolution of Life on Earth.

## EARTH/SPACE SCIENCE HONORS—2001320 Grade 9

The purpose of this course is to investigate the Earth's processes and materials with focus on the properties of Earth in space. This is a laboratory class with a strong emphasis on scientific methodologies, data collection, graphing, and analysis as well as the development of scientific theory. Topics of study will include: Properties of Matter and Energy, the Electromagnetic Spectrum, Forces of the Universe, Matter of the Universe, Our Solar System, Earth's Structure, Oceans, Climate and Weather, Earth's Cycles and the Origin and Evolution of Life on Earth. The honors Curriculum provides additional opportunity for student-driven research based projects.

## BIOLOGY—2000310 Grades 9-10

This course will provide students with exploratory experiences and activities in the fundamental concepts of life. The content will include the interactions of science with technology and society, cell biology; basic principles of genetics; biological changes through time; classification and taxonomy; microbiology, structure and

## AP GOVERNMENT— 2106420 Grade 12

The purpose of this semester course is to give students a critical perspective on politics and government in the United States. This course involves the study of general concepts used to interpret American politics and the analysis of specific case studies. In order to qualify for college credit students must pass a nationally normed test. One Semester paired with AP Economics.

## AP MACROECONOMICS - 2102370 Grade 12

The purpose of this course is to provide the opportunity for students to gain a thorough understanding of the principles of economics that apply to an economic system as a whole. Particular emphasis will be laid upon the study of national income and price determination and developing students' familiarity with economic performance measures, economic growth, and international economics. This course is paired with AP Government.

# SCIENCE

function of plants, animals and the human body. Investigations of selected topics including the use of the scientific method; measurement, laboratory apparatus and safety are integral parts of the course. Preserved animal studies may be a part of this course. This is a year-long course.

## BIOLOGY HONORS—2000320 Grades 9-10

This course includes the study of the scientific methods and measurement, laboratory safety, and use of the lab apparatus. Major concepts studied are biochemistry, cell biology, genetics, evolution, classification and taxonomy, micro-organisms. Also, addressed in this course are structure and function of plants and animals, and ecological relationships. Laboratory activities are an integral part of this course. Strong study skills are important in order to succeed in this course. Preserved animal studies may be a part of this course and the class will require projects and/or reports as a major part of the grade. This is a year-long course.

## ANATOMY & PHYSIOLOGY HONORS—2000360 Grades 11-12

This course is designed for students who are interested in health science careers that require a two- or four-year college degree. It includes the study of the structure and function of each body system. Laboratory activities will include the scientific method, laboratory apparatus and safety, and comparative anatomy, including the dissection of a mammal. Topics of study require a great deal of memorization, and include anatomical and medical terminology, cells and tissues, homeostasis, the disease process and the immune response.

## SCIENCE

### PHYSICAL SCIENCE—2003310

Grades 11-12

This course provides opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations. These investigations will include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies.

### CHEMISTRY- 2003340

Grades 11-12

This course involves the study of the composition, properties, and changes associated with matter. The content includes the classification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, and physical changes. Selected laboratory investigations are an integral part of the course and include the use of the scientific method, measurement, laboratory apparatus, and safety.

### CHEMISTRY I HONORS - 2003350

Grades 11-12

This course provides students with an in depth study of the composition, structure, properties, and changes of matter. The content includes classification and structure of matter, periodicity, chemical reactions, energy, and phases of matter. The laboratory investigations emphasize the use of the scientific method, accuracy and precision in collection of data, and appropriate use of laboratory equipment.

### MARINE SCIENCE - 2002500

Grades 11-12

The purpose of this course is to provide students with a survey of the marine biome. The course will include, but not be limited to, the origins of the oceans; the nature of the marine habitat including chemical, physical and geographic aspects; ecology of the sea zones; marine communities; classification, taxonomy, and characteristics of major marine phyla/divisions; and man's interrelationships with the ocean.

### PHYSICAL EDUCATION REQUIREMENT

#### HOPE—Health Opportunities through Physical Education 1506320 Grade 9-10 Graduation Requirement

This course shall include assessment, improvement and maintenance of individual personal fitness. This is accomplished through the use of the track, weight room and gym. This course will emphasize the components of fitness and encourage healthy behaviors that influence positive lifestyle choices.

### SOLAR ENERGY 1 - 2002540

Grades 11-12

This is an integrated honors elective course that provides students opportunities to study, comprehend, and apply concepts related to energy, its various resources, its consumption, and its effect on the Earth's systems. The focus of the course is on biodiesel, solar energy, other renewable resources, and interrelated technologies and applications. Concepts and their applications are addressed through exploratory investigations, short and long-term research projects, design, and construction of products. Prerequisites required

### .AP PHYSICS - 2003420

Grades 11-12

The purpose of this course is to provide a systematic introduction to the main principles of classical and modern physics and emphasize the development of problem-solving ability. Prerequisites: (1) Students should have passed Algebra 1 with a letter grade of "C" or higher.(2) Students should have passed (with no less than a "C" or concurrently be taking Algebra II. (3) Students should have some basic knowledge of trigonometric functions and their applications.

### AP ENVIRONMENTAL SCIENCE - 2001380 Gr. 11-12

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving or preventing them.

### AP BIOLOGY—200340

Grades 11-12

The purpose of this course is to provide a study of the facts, principles, and processes of biology and the collection, interpretation, and formulation of hypotheses from available data. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. This course requires extensive reading and critical thinking skills.

### AP CHEMISTRY—2003370

Grades 11-12

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

### AP COMPUTER SCIENCE PRINCIPLES - 1202320

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

## CAREER/TECHNICAL ELECTIVES

### APPLIED ENGINEER TECHNOLOGY

Industry Certification: Industry Certification:  
Autodesk Certified Associate - AutoCAD

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of applied engineering and robotics and the effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry. The content includes but is not limited to study in mechanical, electrical, civil, and environmental engineering disciplines. Student in the Aerospace program and/or interested in expanding their knowledge in that area can do so through this pathway. This program is a planned sequence of instruction consisting of the courses:

8401110	Applied Engineering Technology I	Grades 9-10
8401120	Applied Engineering Technology II	Grades 10-11
8401130	Applied Engineering Technology III	Grades 11-12
8601900	Advanced Technology Applications	Grade 12

### CULINARY PATHWAY

#### NUTRITION AND WELLNESS - 8500355

(Prerequisite to Culinary 1)

The purpose of this course is to give students the opportunity to apply knowledge and skills related to the area of nutrition and wellness with the Hospitality and Tourism cluster. The content includes but is not limited to selection, preparation, service and storage of foods. It allows students to use technology to practice meal management techniques directed toward nutritional food choices based on the life cycle. This course will provide an awareness of consumer issues relating to health and wellness. *This is a half credit course paired with Principles of Food Preparation.*

#### PRINCIPLES OF FOOD PREPARATION - 8500390

(Prerequisite to Culinary 1)

The purpose of this course is to prepare students to understand the principles of food preparation, selection and storage, basic food preparation, and selection of food services. Laboratory activities are an integral part of this course. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies are provided to enhance hands-on experiences for students. *This is a half credit course paired with Nutrition and Wellness.*

### CULINARY ARTS - 8800500

This program offers a sequence of courses that provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Hospitality and Tourism career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem solving skills, work attitudes, general employability skills, and occupation-specific skills, and knowledge of all aspects of the Hospitality and Tourism career cluster. Certified Food Manager, Food service Management professional, National ProStart Certificate of Achievement Industry Certification is available through this course. The content includes but is not limited to all aspects of preparation, presentation, and serving of food; leadership, communication skills, employability skills, and safe/efficient work practices. This coursework prepares students for employment in the food service/hospitality industry.  
8800510 - Culinary Arts 1  
8800520 - Culinary Arts 2  
8800530 - Culinary Arts 3  
8800540 - Culinary Arts 4

### SPACE TECHNOLOGY AND ENGINEERING - 2002330

This course is intended to engage students in analyzing and designing solutions to engineering design problems related to aerospace information systems, astronautics, rocketry, propulsion, the physics of space science, space life sciences, the biology of space science, principles of aeronautics, structures and materials, and systems engineering. Students work in teams, exploring hands-on projects and activities to learn the characteristics of aerospace engineering and work on major problems to be exposed to the various situations that aerospace engineers face in their careers.

### EXPERIMENTAL SCIENCE I HONORS - 2002340

In addition to the course related benchmarks, this course requires additional science content that must include benchmarks from at least one other Body of Knowledge. The additional benchmarks must include rigor appropriate for Level 3 courses. 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.

# CAREER/TECHNICAL ELECTIVES

Career and Technical Elective (CTE) Pathways are elective courses that can lead to an industry certification if course-work is completed and the CTE certification test is passed.

## ALLIED HEALTH ASSISTING PATHWAY

### Industry Certification: Nursing Assistant

The purpose of this program is to prepare students for employment as an allied health aide, medical assistant, medical laboratory assistant, occupational therapy aide, respiratory or radiology aide. Student will perform skills representative of allied health care in the laboratory and clinical settings.

8417100 –Health Science, Anatomy & Physiology

8417110 - Health Science Foundations

8417131—Allied Health Assisting 3

8417211 - Nursing Assistant 3

Prerequisite: recommendation and completion of Health Science, Anatomy & Physiology and Health Science Foundations

## FIRE FIGHTER ACADEMY

### Industry Certification: Fire Fighter 1      Grades 11-12

This program is designed to prepare students to evaluate medical emergencies in adults and children. Additional skills learned are as follows: CPR with AED, first aid, spinal immobilization, and victim packaging. The fire fighter program content includes orientation to the fire service, fire behavior, emergency vehicles, apparatus and equipment. Upon successful completion of this course the student will receive a certificate completion of Firefighter 1, and First Responder and are encouraged to take the National Registry of First Responders exam.

8918210      Fire Fighting 1\*

8417171      First Responder\*

8918220      Fire Fighting 2

8918230      Fire Fighting 3

\* Fire Fighting double block for grades 11-12

## AGRISCIENCE FOUNDATIONS 1 - 8106810

This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.

## INTRODUCTORY HORTICULTURE 2 - 8121510

This course is designed to develop competencies in the areas of career opportunities; global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; pest control, pruning; plant installation; transplanting; safe hand-tool use; and employability skills.

## TELEVISION PRODUCTION PATHWAY

### Digital Video Editing and Film Making Industry Certification

The purpose of this program is to prepare students for initial employment as television production operators, television broadcast technicians, camera operators, all other professional/paraprofessional technicians, video-recording engineers, audio recording engineers. The content includes communication skills; leadership skills; human relations and employability skills; safe and efficient work practices; and preparation to assume responsibility for overall production of television studio activities including scripts, lighting, filming and directing, electronic news gathering, and field production. Adobe Premier Pro, Photoshop, Maya, After effects, for Pro Industry Certification are available through this course.

8772110 – Television Production 1

8772120 – Television Production 2

8772130 – Television Production 3– Studio Assistant

8772140 – Television Production 4

8772150 – Television Production 5

8772160 – Television Production 6 – Studio Technician

8772170 – Television Production 7

## APPLIED INFORMATION TECHNOLOGY

### Industry Certification: Microsoft Office Specialist (MOS)

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in Information. This curriculum provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills. The content includes but is not limited to computer application skills including computer hardware, software applications, web applications, computer programming, web page design and advanced web tools, systems support and maintenance, network concepts, relational database concepts, multimedia tools, cybersecurity; extensive exploration of information technology careers; strategies for success including goal setting, study skills, organizing skills, learning styles, employability skills, and service learning; and core academic skills with a strong emphasis on effective communication skills. This program is a planned sequence of instruction consisting of the courses:

8207310      Introduction to Information Technology

9003420      Web Technologies

9003430      IT Systems & Applications

9003440      Database Essentials

9003450      Programming Essentials

9003460      Web Development Technologies

9003470      Multimedia Technologies

9003480      Computer Networking Fundamentals

# MATHEMATICS

## ALGEBRA I - 1200310

### Grade 9

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. The content should include, but not be limited to, the following: structure and properties of the real number system; exponents, square roots, radicals, absolute value, and scientific notation; varied means for analyzing and expressing patterns, relations, and functions; variables, algebraic expressions, polynomials, and operations with polynomials; coordinate geometry and graphing of equations and inequalities; data analysis concepts and techniques including introductory statistics and probability and varied solution strategies, algebraic and graphing for inequalities, linear and quadratic equations, and for systems of equations. This course is designed for students that have the requisite skills for a 4-year college prep curriculum. This is a year-long course and passing the EOC is required for credit.

## ALGEBRA I HONORS - 1200320

### Grade 9

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. The content should include, but not be limited to, the following: structure and properties of the real number system; exponents, square roots, radicals, absolute value, and scientific notation; varied means for analyzing and expressing patterns, relations, and functions; variables, algebraic expressions, polynomials, and operations with polynomials; coordinate geometry and graphing of equations and inequalities; data analysis concepts and techniques including introductory statistics and probability and varied solution strategies, algebraic and graphing for inequalities, linear and quadratic equations, and for systems of equations. The content of this course will provide a rigorous and in-depth study of algebra, emphasizing deductive reasoning skills as a foundation for more advanced mathematics courses. This is a year-long course and passing the EOC is required for credit.

## LIBERAL ARTS I—1208290

### Grades 9-10

The purpose of this course is to further develop the algebraic concepts and processes that can be used to solve a variety of mathematical problems. It will review and remediate Algebra concepts and begin to develop geometric relationships and deductive strategies.

## GEOMETRY—1206310

### Grades 9-11

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real-world and mathematical problems. The content will include, but not be limited to, the following: geometric constructions; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proof; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity; properties of circles; right triangle trigonometry. This is a year-long course.

## GEOMETRY HONORS—126320

### Grades 9-10

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real-world and mathematical problems. The content will include, but not be limited to, the following: geometric constructions; terminology and fundamental properties of geometry; deductive and inductive reasoning and their application to formal and informal proof; formulas pertaining to the measurement of plane and solid figures; coordinate geometry and transformations on the coordinate plane; exploration of geometric relationships such as parallelism, perpendicularity, congruence, and similarity; properties of circles; right triangle trigonometry. This is a year-long course.

## LIBERAL ARTS II—1208300

### Grade 11

The purpose of this course is to reinforce existing algebra and geometry skills and explore concepts necessary to master mathematics studies.

## ALGEBRA II - 1200330

### Grades 9-11

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The content should include, but not be limited to the following: structure and properties of the complex number system; arithmetic and geometric sequences and series; relations, functions and graphs extended to polynomial, exponential, and logarithmic functions; varied solution strategies for linear equations, inequalities, systems of equations and inequalities, and quadratic equations; conic sections and their applications; data analysis, including measures of central tendency and dispersion; probability, permutations, and combinations.

# MATHEMATICS

## ALGEBRA II HONORS - 1200340 Grades 9-11

This course will provide a rigorous and in-depth study of algebra, emphasizing deductive reasoning skills as a foundation for more advanced mathematics courses. Students need a strong algebra foundation to take this course. The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The content should include, but not be limited to the following: structure and properties of the complex number system; arithmetic and geometric sequences and series; relations, functions and graphs extended to polynomial, exponential, and logarithmic functions; varied solution strategies for linear equations, inequalities, systems of equations and inequalities, and quadratic equations; conic sections and their applications.

## PRE CALCULUS - 1202340 Grades 11-12

The purpose of this course is to enable students to develop concepts and skills in advanced algebra, analytic geometry, and trigonometry. Topics covered include the study of conic sections, limits, functions including trig functions, and vectors. This course provides rigorous coursework in preparation for AP Calculus.

## ANALYSIS OF FUNCTIONS HONORS - 1201315

Grades 10-12

This course is designed to prepare students to be successful in Precalculus. Topics include but are not limited to an in depth study of graphing and transformations of functions, piecewise functions, polynomials, rational expressions and equations, exponential and logarithmic functions, remainder and root theorems, complex number system, and removable and non-removable discontinuities, trigonometry ratios and basic graphs. A graphing calculator is required.

# FOREIGN LANGUAGES

*Two consecutive year of a foreign language are required for most universities. It is also required for Bright Futures Scholarship and the Scholar Diploma.*

## SPANISH I - 0708340

This course provides an introduction to both the spoken and written forms of the Spanish language. It includes studies in basic grammar and pronunciation of the Spanish language. Class enrichment provides an opportunity to gain a cultural perspective of the Spanish - Speaking countries.

## SPANISH II - 0708350

This course continues the study of basic grammar, dialogue, and pronunciation of the Spanish language. It includes a continuation of grammar rules and verb tenses for

## MATH FOR COLLEGE READINESS—1200700 Grade 12

This senior level math class is designed to strengthen the skills needed for College Algebra. Topics include, but are not limited to, interpreting and graphing functions, simplifying complex fractions and radical expressions, solving logarithmic and exponential equations, and solving problems using matrix operations. PERT score pre-requisite.

## AP CALCULUS - 1202310 Grades 11-12

An AP course in mathematics consists of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. Before studying calculus, all students should complete four years of secondary mathematics designed for college-bound students; courses in which they study algebra, geometry, trigonometry, analytic geometry and elementary functions. In order to receive college credit, students must be successful on the nationally given AP calculus exam given each May.

## AP CALCULUS B/C - 1202320 Grades 11-12

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. Students learn how to use technology for the experimental process.

## AP STATISTICS- 1210320 Grades 11-12

The purpose of the AP course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. In order to receive college credit, students must be successful on the nationally given AP exam.

writing and speaking Spanish. Emphasis is on vocabulary building. Supplementary readings are required. Class enrichment includes a cultural perspective of the Spanish-speaking countries.

## SPANISH III/IV- 0708360/0708370

The purpose of these courses is to enable students to enhance proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Experiences with Spanish literature are broadened. Cross cultural understanding is fostered and real-life applications are emphasized throughout the course.

# FOREIGN LANGUAGES

## AP SPANISH - 0708400

The purpose of this course is to develop oral and written fluency in Spanish. The content of this course will include comprehension of formal and informal spoken Spanish, possession of vocabulary skills to accurately read a newspaper or magazine article in modern Spanish, compose expository passages, and express ideas orally with accuracy and fluency.

## FRENCH I - 0701320

This course provides an introduction to both the spoken and written forms of the French language. It includes studies in basic grammar and pronunciation of the French language. Class enrichment provides an opportunity to gain a cultural perspective of the French-speaking countries.

## FRENCH II - 0701330

The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning.

# ADVANCED PLACEMENT COURSES

There are Advanced Placement courses that can be utilized as a core course and AP can also be utilized as electives. These courses are taken by students prepared for rigorous curriculum demands. See descriptions on previous pages for the following courses:

AP Human Geography	AP Government
AP World History	AP Macroeconomics
AP United States History	AP Language Composition*
AP Environmental Science*	AP Literature*
AP Biology*	AP Statistics*
AP Calculus*	AP French
AP Calculus B/C*	AP Spanish
AP Chemistry*	AP Computer Science

\* Indicates a NMSI supported course which requires three Saturday Student sessions. There is an AP Drop policy to exit these courses.

## AP MUSIC THEORY—1300330

A major component of any college curriculum in music is a course introducing the first-year student to music theory, a subject that comprises the musical materials and procedures of the Common Practice period. It may emphasize

There is continued emphasis on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

## FRENCH III/IV - 0701340/0701350

In these courses, students will be provided an extension of French II with a concentration in conversational French, French literature, extensive grammar, and French language around the world moving to full immersion French.

## AP FRENCH - 0701380

This course is intended for students to further develop proficiency in all four language skills: listening, speaking, reading, and writing. It encompasses aural/oral skills, reading comprehension, grammar and composition.

one aspect of music, such as harmony; more often, however, it integrates aspect of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course.

## AP PSYCHOLOGY - 2107350

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

## AP STUDIO/ART 2D/3D DESIGN, ART DRAWING

This is a weighted AP course for 12th grade students that will work toward meeting objectives set forth by the AP Art Standards. They will assemble a portfolio. There is a lab fee of \$40.00. This class comprises a two period block. Students must submit a sample portfolio for review to enroll in these courses. This class includes an on-line component. AP Photography students are 100% online.

# DUAL ENROLLMENT COURSES

Dual Enrollment courses are available through our partnership with Florida Keys College in several areas. On our campus, we provide DE College Algebra and DE Sociology. Counselors will advise students regarding availability and prerequisites.