

# PONTE VEDRA HIGH SCHOOL



## 2016-2017 COURSE CATALOG

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**\*Information is subject to change.**

## Scheduling Procedures

We will try to schedule all the courses selected by a student; however, the following may affect a student's final schedule:

- **If a course is not requested by a sufficient number of students, that course will not be offered. In this case every attempt will be made to select a course from the “alternate selections” list from the student’s course request form.**
- **If two selected courses are only offered at the same time, the student can only be scheduled into one of them. Every attempt will be made to use one of the student’s alternate selections to replace the unscheduled course.**
- **If a student chooses a course that has a prerequisite and the student’s final grade in the prerequisite course is not adequate, the student’s schedule will be adjusted accordingly.**

For these reasons, it is crucial that the student completes the elective section on the option verification letter. **Please note that if this section is not completed, the student will be scheduled for available electives.**

The scheduling procedure is to fill openings in courses in a descending order with 12<sup>th</sup> graders scheduled first, 11<sup>th</sup> graders next, etc. This is done to ensure that students closest to graduation meet their graduation requirements.

Students should discuss and plan their schedule with their parents. Parents should assure their student’s planned schedule reflects the scheduling procedures and courses needed for graduation.

If a student fails a course, they will automatically be placed in the same course the next school year. The failed course must be completed with a passing grade before being placed in the next sequential course. **If a student chooses to retake the failed course at another school (example Virtual School) they must be 75% finished with the course by August 1<sup>st</sup> before they will be scheduled for the next sequential course at PVHS.**

Please keep in mind that courses present in this course catalog may not be offered based on the class size reduction amendment that was established in November 2002.

## Schedule Change Procedures

Please be aware of the schedule change procedure when course selections and their alternates are made. Schedule changes must take place prior to the 1<sup>st</sup> day of school. All students who register for a course will remain in the course for both semesters as scheduling is done on a full year basis. A student’s schedule may only be changed under the following conditions:

- A student is incorrectly-scheduled because of inadequate or erroneous information
- Administrative action becomes necessary because of imbalance of class loads, loss of a teaching unit, unique or unforeseen constraints
- An additional course is needed to meet graduation requirements
- A schedule adjustment is required because a student already has received credit in a scheduled class

St. Johns County School District employs teachers certified by the Florida Department of Education. The school administration will decide the instructor for each course section. Students and parents will abide by the choice of instructor. Course content is consistent in all sections with the same course number and description.

**It is very important that you choose your courses carefully. The master schedule is built and teachers are hired based on course requests. Changes once the school year has started may not be possible.**

## **Grade Forgiveness**

### **Grade Forgiveness of High School Credit by Middle School Students**

High school level courses taken below grade 9 may be used to satisfy high school graduation requirements and Bright Futures award requirements. Middle school students who have taken high school courses may receive grade forgiveness if they have earned a grade of C, D or F or the equivalent of C, D or F. In such case, the district forgiveness policy must allow the replacement of the grade with a grade of C or higher, or the equivalent of a grade of C or higher, earned subsequently in the same or comparable course. For a grade of A or B the course and grade cannot be forgiven and will appear on the student's high school transcript and will be used in the calculation of High School grade point average and for Bright Futures. (Section 1003.428(4)(d), F.S.)

### **Grade Forgiveness for High School Students**

State law requires a cumulative 2.0 GPA to graduate. Forgiveness policies for **required** courses shall be limited to replacing a grade of "D" or "F", or their equivalent, with a grade of "C" or higher, or its equivalent, earned subsequently in the **same** or **comparable** course.

Forgiveness policies for **elective** courses shall be limited to replacing a grade of "D" or "F", or their equivalent, with a grade of "C" or higher, or its equivalent, earned subsequently in **another** course. These restrictions on forgiveness do not apply to students below grade 9 taking high school courses. Such students may repeat a course for forgiveness with grades "C" or below.

**Any course credit not replaced according to the district's forgiveness policy shall be included in the calculation of the cumulative GPA required for graduation. All courses and grades must be included on the student's transcript. Schools may not count the best 24 credits for all courses taken to meet the cumulative GPA for graduation requirements.**

The district's forgiveness policy is for the express purpose of assisting students in meeting the requirement to attain a minimum grade point average necessary to graduate from high school. Schools do not have the authority to purge a student record to delete the first grade of D or F. Student records cannot be altered at any time unless it has been determined that the information is inaccurate or a violation of the privacy or other rights of the student.

The district's Student Progression Plan contains updated information on grade forgiveness. The document can be accessed at <http://www.stjohns.k12.fl.us/depts/cl/publications>.

### **Credit for High School Courses taken prior to Grade 9**

High school level courses taken prior to grade 9 may be used to satisfy high school graduation requirements and Florida Academic Scholars Award requirements.

Middle school students who have taken high school courses may receive grade forgiveness if they have earned a grade of C, D or F or the equivalent of C, D or F. In such case, the district forgiveness policy must allow the replacement of the grade with a grade of C or higher, or the equivalent of a grade of C or higher, earned subsequently in the same or comparable course. For a grade of A or B the course and grade cannot be forgiven and will appear on the student's high school transcript and will be used in the calculation of High School grade point average and for Bright Futures. (Section 1003.428(4)(d), F.S.)

A student who took high school courses in middle school may not ask to have his high school courses taken in middle school revert to middle school course designations.

Students seeking high school credit for courses taken in a private middle school, may be granted credit if the private school is listed with the Florida DOE as a private school with a school number plus the credit and course grade are reflected on an official transcript from the school.

## Academic Recovery Lab

A review of student academic and attendance records will be conducted prior to the start of school and at the end of each semester. Students meeting the criteria listed below shall be considered for an opportunity to participate in the Credit Recovery Labs. These labs are an option, not a requirement for students:

- Students who are not on schedule to graduate with their cohort – short in credits
- Students with a GPA below a 2.0 – in danger of not graduating
- Grade forgiveness for students who meet one or more of the grade forgiveness criteria

Students should move through the correct progression of the curriculum before grade recovery is allowed when the GPA is above a 2.0 – students must receive an “F” in order to retake a class.

Due to National Collegiate Athletic Association (NCAA) eligibility requirements, academic recovery lab courses are not recommended for prospective NCAA Division I and II athletes. For additional information, see: <http://www.ncaa.org/> or [http://web1.ncaa.org/ECWR2/NCAA\\_EMS/NCAA.html](http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.html).

## Course Weighting

An additional weight of .5 is added to Honors courses for grade point average (gpa) calculation.

An additional weight of 1.0 is added to Advanced Placement and Dual Enrollment courses for gpa calculation.

Throughout the catalog weighted courses have the **credit value** in bold. **The Honors courses are indicated with an (\*) and the AP courses and Dual Enrollment courses are indicated with (\*\*).**

### Course Weightings for Transfer Students

Students transferring credits into St. Johns County School District will be subject to the current course credit weighting approved by the St. Johns County School Board and in alignment with Florida DOE course code directory. If a letter grade is assigned, that grade is entered in our system, even if the grading scale from which the student transferred is not equivalent to St. Johns County School District’s grading scale. If only a numerical grade is provided and no grading scale is provided, our scale is applied to the student record.

## Honors Criteria

The St. Johns County School District criteria for honors course placement are as follows:

- Norm Referenced Test - Stanine of 7, 8, or 9 on an appropriate assessment
  - Math for mathematics and science honors class placement
  - Reading for English, social studies and foreign language honors class placement

**OR**

- Grades - A grade of “C” or better in the previous honors course. Students earning an “A” in the previous standard course may be recommended for honors course placement. Teachers will conference with students to offer guidance for appropriate placement.

**OR**

- FSA - Level 4 or 5 in appropriate area and not less than a Level 3 in any area
  - On Mathematics FSA for placement in honors mathematics.
  - On Reading FSA for placement in honors English, social studies and science or foreign language

**OR**

- PSAT – A score of 48 or higher on the appropriate assessment
  - Math for mathematics and science honors class placement
  - Reading and/or language for English, social studies and foreign languages honors class placement

**OR**

- PLAN – A score of 170 (English), 210 (mathematics) or higher on the appropriate assessment
  - Math for mathematics and science honors class placement
  - Reading and/or language for English, social studies and foreign languages honors class placement

## Dropping Courses

**If a student is enrolled in a standard, honors or AP full-credit course, the student must drop the course within the first five class meetings, or he/she may NOT drop the course until the end of the semester and only if the following conditions exist:**

- **A semester grade of D or F**
- **Completion of a parent conference during each grading period**
- **Demonstration of the student seeking consistent academic assistance**
- **Space available in a comparable course**

**If a student signs up for a full credit class they may not drop the class at the end of the first semester if their grade is a C or better. They must continue in the course until the end of the school year.**

**\*Please choose your classes very carefully!!!**

## Standard Diploma Requirements & Designations<sup>1</sup>

	<b>Standard Diploma Requirements</b>	<b>Scholar Designation<sup>2</sup> (in addition to Standard Diploma Requirement)</b>	<b>Merit Designation<sup>2</sup></b>
<b>English</b>	4 credits in ELA I, II, III, IV MP 10 <sup>th</sup> Grade ELA	MPI 11 <sup>th</sup> Grade ELA assessment	Same as standard
<b>Math</b>	4 credits-Algebra I, MP EOC, 30% EOC; Geometry, 30% EOC; 2 additional credits	Geometry, MP EOC; Algebra II, MP EOC Statistics (or equally rigorous course)	Same as standard
<b>Science</b>	3 credits-Biology I, 30% EOC, 2 credits equally rigorous course, 2 of 3 required credits must have lab	Biology I, MP EOC; Chemistry or Physics; 1 credit equally rigorous course	Same as standard
<b>Social Studies</b>	3 credits US History, 30% EOC; World History; ½ Economics w/ Financial Literacy, ½ Government	US History-MP EOC	Same as standard
<b>Fine/Performing Arts</b>	1 Credit	Same as standard	Same as standard
<b>Foreign Language</b>	None	2 Credits Must be same foreign language	Same as standard
<b>Physical Education</b>	1 Credit-Hope	Same as standard	Same as standard
<b>Electives</b>	8 Credits	Must earn one AP or DE course credit	8 Credits-Must use electives to attain 1 or more industry certifications.
<b>Online Requirement</b>	1 Course	Same as standard	Same as standard
<b>Total Credits</b>	24 Credits	24 Credits	24 Credits
	<b>MP=Must Pass EOC=End of Course Exam</b>	<b>MP=Must Pass EOC=End of Course Exam</b>	

<sup>1</sup> Information subject to change

<sup>2</sup> All students may earn either or both designations if they meet all requirements listed in the table for each designation.

# Academic Core Course Progression

## English Progression

### Standard Sequence:

English 1 → English 2 → English 3 → English 4: College Prep

### Honors Sequence:

English I Honors → English 2 Honors → English 3 Honors or AP English Language → English 4 Honors or AP English Literature or ENC 1101 & 1102

## Social Studies Progression

### Standard Sequence:

World Cultural Geography → World History → US History → Government and Economics

### Honors Sequences:

International Relations II Honors or AP Human Geography → AP World History or World History Honors → AP US History or US Honors → Gov't Hon & Econ Hon or AP Gov't/AP Comp & AP Micro/AP Macro

## Math Progression

### Standard Sequences:

Algebra I/Intensive Math → Liberal Arts Math I → Geometry → Liberal Arts Math2

Algebra I → Geometry → Algebra 2 → Math for College Readiness (seniors only) or Probability & Statistics with Applications Honors or AP Statistics

### Honors Sequences:

Algebra I Honors → Geometry Honors → Algebra II Honors/AP Statistics or Probability & Statistics with Applications Honors → Pre-Calculus → AP Calculus AB and/or AP Statistics → AP Calculus BC and/or AP Statistics



## Science Progression

### Standard Sequence:

Physical Science → Biology → Earth Space or Chemistry\*\* → Chemistry or Marine Science or Physics

\*\* required FSA Reading level 3 or higher

### Honors Sequences:

Biology Honors → Chemistry Honors or → Physics Honors or → AP Biology (2 credits) or  
(Geometry 9<sup>th</sup> grade) Physical Science Honors or AP Biology (2 credits) or AP Chemistry (2 credits) or  
AP Environmental Physics or AP Physics or  
AP Chemistry AP Environmental or AP Environmental or  
Physics Honors or  
Anatomy & Physiology Honors

Physical Science Honors → Biology Honors → Chemistry Honors or → Physics Honors or  
(Algebra I 9<sup>th</sup> grade) Chemistry Physics or  
AP Biology (2 credits) or  
AP Chemistry (2 credits) or  
AP Environmental or  
Anatomy & Physiology Honors

## Virtual Education

### Florida Virtual School (FLVS) or St. Johns Virtual School (SJVS)

As stipulated by the Florida K-20 Education Code (s.1002.20) parents have the right to choose educational options such as Florida Virtual School for their children. A student's full-time school may not deny access to courses offered by FLVS assuming that the desired online course(s) is an appropriate course placement based on the student's academic history, grade level, and age. The School Board shall provide students with access to enroll in courses available through the FLVS/SJVS and shall award credit for successful completion of such courses. Access shall be available to students during or after the normal school day and through summer school enrollment. Students wishing to take courses from FLVS/SJVS must work closely with their guidance counselors to ensure that courses fit in their Customized Learning Path (CLP).

### FLVS/SJVS Guidelines for High School

- It is recommended that students must have a 2.0 or higher OR a score a level 3 on the Reading FSA unless the student has medical or behavior issues that may limit success in the traditional classroom
- Students must meet with school counselor to determine if placement in an FLVS/SJVS is academically appropriate for the student based on course prerequisites, the student's academic history and age and appropriateness of the course for the student's Customized Learning Path (CLP). ALL courses must be approved by the counselor.
- **Once the school year has begun and the regular drop period has passed, a student may not withdraw from a school course to enroll in the same course online.**
- Students may not simultaneously be placed in the same course concurrently at a district high school and at FLVS/SJVS.
- There is no guarantee that when you enroll in a course that the course will begin on the date specified.

## Dual Enrollment Courses

Dual enrollment courses are offered through an agreement between St. Johns County Schools and St. Johns River Community College and First Coast Technical Institute (FCTI). The enrollment criteria for each school are listed below.

Students may earn up to ten dual enrollment credits per college semester for each fall and spring semester as a part time student. For additional information, please refer to the SJCS Student Progression Plan at <http://www.stjohns.k12.fl.us/depts/cs/spp>.

<b>Minimum Scores Required for Placement:</b>			
	<b>English Composition (ENC 1101)</b>	<b>Math-Intermediate Algebra (MAT 1033)</b>	<b>Math-College Algebra (MAC 1105)</b>
<b>ACT</b>	Reading 19, Writing 17	Math 19	Math 21
<b>SAT</b>	Critical Reading 440	Math 440	Math 450
<b>CPT</b>	Reading 83    Writing 83	Elementary Algebra 72	Math 85
<b>PERT</b>	Reading 106    Writing 103	Math 114	Math 123

### St. Johns River Community College

Students wishing to enroll as dual enrollment students (AA or AS degrees) at St. Johns River Community College must first meet St. Johns County School District Honors Criteria. In addition, students must meet the following requirements:

- Demonstrate readiness for college or career level course work
- Be seeking a vocational certificate, a college credit vocational/technical certificate, an associate in science college degree, or an associate in arts college degree
- Have a minimum 3.0 unweighted cumulative GPA
- Have a counselor and principal's approval
- Be limited to 10 hours of college credit enrollment per college semester
- Maintain a "C" or better in each class to remain in the dual enrollment program
- Be aware that receiving a "W", "D" or an "F" for any course results in ineligibility to remain in the dual enrollment program
- Provide acceptable results from the American College Test (ACT), the Scholastic Aptitude Test (SAT), the Postsecondary Education Readiness Test (PERT) or another standardized placement test for college level English and math
- Use of instructional tools that make it possible for students with disabilities to perform skills (such as using a talking calculator to solve math problems)
- Adjusting time demands and schedules (such as allowing more time to finish assignments and courses)

### First Coast Technical College (FCTC)

Students wishing to be placed in dual enrollment classes at First Coast Technical College must fulfill the following requirements:

- Have a 2.5 or higher GPA upon entry
- Complete the dual enrollment/registration form including all required signatures
- Complete assessment testing within six weeks of program entry ( if not completed, as recommended, prior to entry)
- Maintain a "C" or above average in selected dual enrollment program(s)

### University of North Florida

Students wishing to be placed in dual enrollment classes at the University of North Florida must fulfill the following requirements:

- Dual Enrollment Application  
NOTE: Application is valid for one semester only. Students must reapply each term (by the posted deadline).
- Dual Enrollment Term of Agreement with signatures from high school principal, counselor, and parent (available through the high school guidance counselor or UNF's Admissions Office).  
NOTE: Terms of agreement form is valid for one semester only.
- Official high school transcripts reflecting a 3.0 recalculated, unweighted high school GPA or higher.
- ACT or SAT scores taken within the last two years.
- Immunization form

# Academies

## Biotechnology Academy

**Mission Statement:** *The Academy of Biotechnology and Medical Research will seek to engage, excite, and educate students about the promise and challenges of biotechnology through inquiry-based methods of instruction and advanced curriculum, while addressing social and ethical issues in one of Florida's premier growth industries.*

Biotechnology is the use of living organisms to solve problems or make useful products from biological systems. It is science applied. Biotechnology technicians are integral members of scientific teams working on sophisticated solutions to everyday problems. From creating medical products for disease diagnosis & treatment, to genetically engineering plants & animals for improved food quality, to solving crimes, to remediating the environment & creating new fuels, the science of biotechnology uses living organisms to benefit society.

Students can attend a 2 year community college program after high school graduation earning an Associate of Science degree and have the choice of seeking immediate employment or continuing with upper-division studies at a university or go directly to a 4 year university.

## International Business & Marketing Academy

**Mission Statement:** *The Academy of International Business and Marketing will seek to excite and engage students to explore and prepare for colleges and careers available in our global economy.*

Increasing globalization has defined business during the last decade. In order to compete in the job market and to succeed in the twenty first century business, students must understand international business, from free trade areas to global competition to currency crises to foreign investment opportunities. Majoring in international business prepares students for careers in the global marketplace.

Students must select one of two “strands” (pathways) when applying for this academy. The **marketing strand** of this academy is designed for students interested in the marketing of consumer and industrial goods and services focusing on international marketing. The curriculum has been developed to include course work in the principles and foundations of marketing management and in the marketing functions of manufacturers, wholesalers, and retailers.


The **business strand** of the academy will provide students with hands-on training in an integrated academic and business curriculum that prepares them for college and a career in the international business community. The curriculum takes Microsoft Office computer applications to a higher level, integrating the software with real-life business simulations in our global economy.


## Academy of Information Technology


**Mission Statement:** *The Academy of Information Technology is committed to exposing students to a rigorous curriculum that challenges students with current and future technologies, provides industry certifications, and prepares them for success in college and careers in high-demand technical fields.*

The students participate in a coherent and rigorous content aligned with challenging academic standards. The students are provided a relevant technical knowledge and skills. This prepares students for further education and careers in all aspects of the Information Technology careers.

The content includes but is not limited to computer application skills, computer hardware, software applications, web applications, web page design, systems support, and network concepts.


<b>Career Cluster:</b> Marketing, Sales and Services					<b>CTE Program: Academy of International Business and Marketing,</b> International Marketing Strand (8839100), Ponte Vedra High School			
<b>Career Cluster Pathway:</b> Professional Sales & Marketing					<b>Industry Certification:</b> Microsoft Office Bundle (MICRO069)			
	<b>16 CORE CURRICULUM CREDITS</b>						<b>8 ADDITIONAL CREDITS</b>	
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> <b>FINE ARTS</b> (1 credit) <b>PHYSICAL EDUCATION</b> (1 credit)		<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)
	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English 1	Math	Science	World Geography/ AP Human	HOPE – Health Opportunities through Physical Education	Digital Information Technology- 8207310 (Practical Arts Credit)	Foreign Language (Chinese recommended)
	<b>10<sup>th</sup></b>	English 2	Math	Science	World History or International Relations Honors	Elective	International Marketing- 8839110	Foreign Language (Chinese recommended)
<b>11<sup>th</sup></b>	English 3	Math	Science	Social Studies	Elective	International Marketing II (H)- 8839120	Foreign Language (Chinese recommended)	
<b>12<sup>th</sup></b>	English 4	Math	Science	American Government .5 + Economics.5 DE Macro/Micro Econ & DE US Fed Gov't	Elective	International Marketing III (H)- 8839130	Foreign Language (Chinese recommended)	
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	FSC at Jacksonville: Marketing Operations Technical Certificate – 12 months		FSC at Jacksonville: <b>Business Administration, includes Marketing Operations</b> <b>SJRSC, St. Augustine: Business Administration</b>			UNF, Jacksonville: Marketing, Transportation & Logistics, International Business FSC at Jacksonville: Business Administration, includes Marketing Flagler College, St. Augustine: Marketing		
<b>CAREER</b>	<b>Sample Career Specialties – Careers from the Targeted Occupations List are in bold.</b>							
	Customer representative, Marketing Clerk, Sales Associate		Customer Service Specialist, Advertising, Market Research, Public Relations, Sales Associate, Retailing, Product Promotions			Customer Service Specialist, Advertising, Market Research, Public Relations, Sales Associate, Retailing, Product Promotions		
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)		<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)			<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements included here)		
	NA		NA			Dual Enrollment - UNF Introduction to Global Business-3 credits, Business Law/Ethics-3 credits, Cost savings-\$175.21/credit hour		
<b>Career and Technical Student Association</b>								
FBLA-Future Business Leaders of America								
<b>Internship/Work Experience Recommendations</b>								
Career Academy students may apply for summer internships after their junior year. Sample internships: Office Receptionist, Logistics Sales/Planning, Chamber of Commerce Marketing and Event Planning								
Program of Study Graduation Requirements: <a href="http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf">http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf</a>								

<b>Career Cluster:</b> Business, Management & Administration			<b>CTE Program:</b> Academy of International Business and Marketing Accounting Applications-8302100, Administrative Assistant-8212500					
<b>Career Cluster Pathway:</b> Business Analysis			<b>Industry Certification:</b> Microsoft Office Bundle (MICRO069), Quickbooks (INTUT001)					
 <b>PONTE VEDRA HIGH SCHOOL</b> Academy of International Business & Marketing	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> <b>FINE ARTS</b> (1 credit) <b>PHYSICAL EDUCATION</b> (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fichoes.org">fichoes.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English 1	Math	Science	World Geography or AP Human Geography	HOPE – Health Opportunities through Physical Education	Digital Information Technology-8207310 (Practical Arts Credit)	Spanish or Chinese I
	<b>10<sup>th</sup></b>	English 2	Math	Science	World History or Int'l Relations Honors	Elective	Accounting Applications 1 (H)-8203310	Spanish or Chinese II
	<b>11<sup>th</sup></b>	English 3	Math	Science	US History/APUSH	Elective	Int'l Business Systems (H)-8216110	Spanish or Chinese III
	<b>12<sup>th</sup></b>	English 4	Math	Science	American Government .5 + Economics.5 DE Macro/Micro Econ & DE US Fed Gov't	Elective	Int'l Finance & Law (H)-8216120	Spanish or Chinese IV
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	<b>First Coast Technical College, St. Augustine</b> – No related programs  <b>FSC at Jacksonville:</b> Accounting Technology Operations, Business Operations, Logistics & Transportation Specialist, Office Support,		<b>St. Johns River State College, St. Augustine</b> -Accounting Technology, Business Administration, Office Administration (Office Management or Legal Office Systems), Computer Science  <b>FSC at Jacksonville:</b> Accounting, Business Administration, Office Administration			<b>University of North Florida, Jacksonville</b> – Accounting, Finance, Financial Services, International Business, Management, Marketing, Business Administration, Entrepreneurship, Transportation & Logistics <b>Flagler College, St. Augustine</b> – Accounting, Advertising, Business Administration, Finance		
<b>CAREER</b>	<b>Sample Career Specialties – Careers from the Targeted Occupations List are in bold.</b>							
	<b>Bookkeeper</b> , Customer Service Representative, Shipping & Receiving Clerk		<b>Accountants &amp; Auditors; Business Operations Specialists;</b> Freight Rate Specialist; Database Administrators; Financial Analysts; Personal Financial Advisors; Sales Associates			Logistics Manager, Transportation Manager; Inventory Planning and Control Manager; Financial Managers; Purchasing Agents, CPA's, <b>Accountants</b> , Financial Planners, Stock Brokers		
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)		<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)			<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements included here)		
	<b>Secondary to Technical Center (PSAV).</b>		<b>St. Johns River State College</b> - Dual Enrollment courses offered – Introduction to Business-GEB 1011, Personal Finance-FIN1100. Industry Certifications of 3 credits each are awarded immediately upon enrollment at a cost savings of \$78.84 per credit hour: QuickBooks (INTUT001) = Accounting major, Course CGS2104. <a href="http://www.sjrsstate.edu/workforce/careerpathways.html">http://www.sjrsstate.edu/workforce/careerpathways.html</a>  <b>Florida State College of Jacksonville</b> -- Industry Certifications of 3 credits each are awarded immediately upon enrollment at a cost of \$114.52 per credit hour. QuickBooks (INTUT001)= Accounting Technology, Course ACG2450			UNF: Business Law BUL:3130/Speech SPC2608/Comtemporary Ethics PHI2630 :Certifications of 3 credits each are awarded immediately upon completion. : Microsoft Office Bundle = Computer Science major, Course OST1764. Quickbooks = Accounting major, Course CGS2104		
<b>Career and Technical Student Association</b>								
Future Business Leaders of America (FBLA)								
<b>Internship/Work Experience Recommendations</b>								
Career Academy students may apply for summer internships after their junior year. Sample internships: Bank Teller, Customer Service Representative, Receptionist, Logistics Clerk, Finance Clerk								
Program of Study Graduation Requirements: <a href="http://www.fdoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf">http://www.fdoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf</a>								

<b>Career Cluster:</b> Manufacturing                      STEM				<b>CTE Program: Academy of Biotechnology and Medical Research,</b> Ponte Vedra High School, Industrial Biotechnology - 8736000				
<b>Career Cluster Pathway:</b> Maintenance, Installation & Repair				<b>Industry Certification:</b> Biotechnician Assistant (CERHB001)				
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> <b>FINE ARTS</b> (1 credit) <b>PHYSICAL EDUCATION</b> (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English 1	Geometry (H)	Biology 1 Honors	Social Studies	HOPE – Health Opportunities through Physical Education	Biotechnology I –(H))	Foreign Language (Latin recommended)
	<b>10<sup>th</sup></b>	English 2	Algebra II (H)	Chemistry Honors	Social Studies	Fine or Practical Art	Biotechnology II –(H))	Foreign language (Latin recommended)
	<b>11<sup>th</sup></b>	English 3	Pre-Calculus	Physics or AP Biology	Social Studies	Elective	Biotechnology III –(H))	Foreign Language (Latin recommended)
	<b>12<sup>th</sup></b>	English 4	Statistics	Anatomy & Physiology	American Government .5 + Economics.5 DE Macro/Micro Econ & DE US Fed Gov't	Elective	Biotechnology elective –(H))	Foreign language (Latin recommended)
<b>POSTSECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Florida State College Jacksonville: Biomedical Equipment Maintenance and Repair Technology (workforce certificate); Bioinformatics (Advanced Certificate)		Keiser University, Jacksonville: Associate in Biotechnology  FSC at Jacksonville: Biotechnology Laboratory Technology, Biomedical Engineering Technology			Keiser University, Jacksonville: BA in Biotechnology University of Florida, Gainesville & Jacksonville University, Jacksonville: Biomedical Science; Nanotechnology; Agricultural Biological Engineering; Chemical Technology; Biomedical Engineering Technology		
<b>CAREER</b>	<b>Sample Career Specialties – Careers from the Targeted Occupations List are in bold.</b>							
	Biomedical Equipment Maintenance and Repair Technician; Bioinformatics Technician Clerk		Biological Illustration; biomedical technician; laboratory assistant			Molecular Biologist; Analytical Chemist; Biomedical Engineer; Ecologist; Geologist; Microbiology Cell Scientist; Plant Pathologist		
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	<b>Secondary to Technical Center (PSAV)</b> (Minimum # of clock hours awarded)		<b>Secondary to College Credit Certificate or Degree</b> (Minimum # of clock or credit hours awarded)			<b>PSAV/PSV to AAS or AS/BS/BAS</b> (Statewide and other local agreements included here)		
	NA		FSC at Jax.: Biotechnician Assistant Industry Certification = 4 credits in Biotechnology Methods – BSC1404 and Introduction to Biotechnology – BSC 1421, Cost savings = \$114.52/credit hour.			NA		
<b>Career and Technical Student Association</b>								
Ponte Vedra High School Biotechnology Club								
<b>Internship/Work Experience Recommendations</b>								
Career Academy students may apply for summer internships after their junior year. Sample internships: Veterinary Clinic Animal Care, Mayo Clinic Researcher								
Program of Study Graduation Requirements: <a href="http://www.fdoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf">http://www.fdoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf</a>								

**Career Cluster:** Information Technology **CTE Program:** Academy of Information Technology (9003400) – Ponte Vedra High School

**Career Cluster Pathway:** Information Support & Services **Industry Certification** Microsoft Office Bundle (MICRO069); Adobe Dreamweaver (ADOBE010), CompTIA A (COMPT001), Network + (COMPT006); Security + (COMPT008), MTA OS Fundamentals (MICRO076), MTA Security Fundamentals (MICRO077), MTA Networking Fundamentals (MICRO078)

	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> <b>FINE ARTS</b> (1 credit) <b>PHYSICAL EDUCATION</b> (1 credit)	<b>CAREER AND TECHNICAL EDUCATION COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)

• Students are encouraged to use [fichoice.org](http://fichoice.org) to explore careers and postsecondary options.  
 • Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.  
 • One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program

HIGH SCHOOL	9 <sup>th</sup>	English 1 or English 1 Honors	Algebra I or Algebra 1 Honors	Physical Science, Physical Science Honors or Biology Honors	AP Human Geography	HOPE – Health Opportunities through Physical Education	Digital Information Technology (Fine/Practical Arts Credit)- 8207310	<b>POSSIBLE OTHER ELECTIVES AFTER SY16-17</b>  Programming Essentials Honors* - 9003450  Web Development Technologies Honors*-9003460  Multimedia Technologies Honors*-9003470  Computer Networking Fundamentals Honors*- 9003480  Cybersecurity Fundamentals Honors*-9003490
	10 <sup>th</sup>	English 2 or English 2 Honors	Geometry or Geometry Honors	Biology or Chemistry or Chemistry Honors	World History or AP World History	World Language	IT Systems & Applications Honors-9003430 (SY16-17)	
	11 <sup>th</sup>	English 3 or English 3 Honors or AP English Language	Algebra 2 or Algebra 2 Honors	Chemistry, Chemistry Honors, or Physics Honors	US History or AP US History	World Language	Web Technologies Honors- 9003420 SY15-16)	
	12 <sup>th</sup>	English 4 or English 4 Honors or AP English Literature	Pre Calc Honors, Math for College Readiness, Adv Topics in Math, AP Stats, AP Calculus	AP Chem, AP Bio, AP Physics, AP Environmental, Marine Science Honors or Anatomy Honors	US Gov & Econ or AP US Gov/US Gov Honors & AP Micro/Macro Econ	Elective or World Language	Database Essentials Honors- 9003440	

**Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.**

POSTSECONDARY	TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
	<b>First Coast Technical College</b> , St. Augustine: Digital Design <b>St. Johns River State College</b> , St. Augustine: Computer Programmer, Computer Specialist, Help Desk Support Technician, Network Enterprise Administration, Network Infrastructure-CISCO, Network Security, Homeland Security, IT Administrator, IT Support Specialist, Office Specialist, Office Support, Web Development Specialist	<b>St. Johns River State College</b> , St. Augustine: Computer Network Engineering Technology, Computer Information Technology, Computer Programming and Analysis, Graphic Design/New Media, Internet Services Technology, Office Administration <b>Florida State College of Jacksonville</b> : Networking Systems Technology, Computer Information Technology, Criminal Justice Technology <b>Valencia State College, Orlando</b> : Cyber Security, Advanced Network Infrastructure, Advanced Network Administration, Digital Forensics, Network Administration, Infrastructure & Support	<b>University of North Florida</b> , Jacksonville – Computer Science, Information Science, Information Technology <b>Falger College</b> , St. Augustine: Graphic Design, Communication and Media <b>University of Florida</b> , Gainesville: Info. Systems <b>FL State University</b> , Tallahassee: Information Technology; Digital Media Production; Information, Communication & Technology

**Sample Career Specialties – Careers from the Targeted Occupations List are in bold.**

CAREER	Cyber Security Technician, Network Support Technician, Network Infrastructure Technician, IT Help Desk Specialist, Graphic Designer, Film Editor, Office Clerk	<b>Network Administrator, Cyber Security Technician, Network Support Technician, Network Infrastructure Technician, IT Help Desk Specialist, Graphic Designer, Film Editor, Web Designer, Digital Media Specialist, Computer Programmer, Database Administrator</b>	<b>Network Support Specialist, Network Security Analyst, Computer &amp; Information Systems Manager, Computer Network Architect, Network/Cybersecurity Administrator, Computer Systems Engineer, Web Designer, Graphic Design Specialist, Computer Programmer</b>
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**Articulation and CTE Dual Enrollment Opportunities**

CREDIT	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements included here)
	No articulation agreement. No CTE Dual Enrollment.	<b>St. Johns River State College: <u>Networking Services major</u></b> – CompTIA Network += CET 1600C – Network Fundamentals, 3 hours, \$236.52; <b><u>Computer Information Technology &amp; Computer Engineering majors</u></b> , CompTIA A+, CET 1178C-Computer Hardware Support Essentials & CET 2179C-Computer Software Support Essentials, 6 hours, \$473.04; CompTIA Network += CET 1600C Network Fundamentals, 3 credits; CIW Network Technology Associate = CET 1600C Network Fundamentals, 3 credits; <b><u>Internet Services Technology</u></b> – Adobe Flash = CGS 2871 Multimedia, 3 credits; Adobe Dreamweaver = CGS 2820 Web Page Design & Publishing, 3 credits; <b><u>Computer Programming</u></b> - Sun Certified Java Programmer, COP 2800 Programming in JAVA: <b><u>Office Administration</u></b> – MOS Bundle = CGS 1100 Microcomputer Applications Software, 3 credits: Cost savings = \$78.84 per credit hour	No articulation agreement. No CTE Dual Enrollment.

**Career and Technical Student Association**

DECA

**Internship/Work Experience Recommendations**

Career Academy students may apply for summer internships after their junior year. Sample internships: Networking Technician Assistant, Cybersecurity Technician Assistant, Web Designer, Office Clerk, Digital Design Editor, Film editor

Program of Study Graduation Requirements: <http://www.fldoe.org/workforce/perkins/pdf/POS-GradChecklist.pdf>

# THE BRIGHT FUTURES SCHOLARSHIP PROGRAM

Three categories of awards:

- 1) Florida Academic Scholars Award (FAS)
- 2) Florida Medallion Scholars Award (FMS)
- 3) Florida Gold Seal Vocational Scholars Award (GSV)

For information regarding Bright Futures requirements, please contact the Florida Bright Futures Scholarship Program toll-free at 1-888-827-2004 or [www.floridastudentfinancialaid.org/SSFAD/bf/fasrequire.htm](http://www.floridastudentfinancialaid.org/SSFAD/bf/fasrequire.htm).

## Time and Effort Chart\*

	<b>Lectures/ Discussion</b>	<b>Homework Load</b>	<b>Daily At Home Reading Requirement</b>	<b>At Home Study Time</b>	<b>Tests and Quizzes</b>	<b>Testing Unit Lengths</b>
<b>Non-Honors Courses</b>	40% of class time	Written assignments	Reading the textbook chapter	30 minutes per class period	Per segment	1 to 2 weeks of material between tests
<b>Honors Courses</b>	60% of class time	Written assignments and independent study time	Moderate, textbook chapter and some outside reading	45 minutes per class period	Per segment, moderate point value	2 to 3 weeks of material between tests
<b>AP &amp; DE Courses</b>	80% of class time	Written assignments, maximum independent study time	Extensive, reading the textbook chapter and various other media related to the unit	1 hour to 1.5 hours per class period	Per segment, high point value	3 to 4 weeks of material between tests

\*This chart is intended to give an idea on the amount of time your child will need to spend to be successful. Courses vary based on instructor. Please use this as a reference to select the course level that best fits your child's ability and work effort.



# ACADEMY OF BIOTECHNOLOGY & MEDICAL RESEARCH

## Biotechnology major concepts and content:

The purpose of these courses are to provide exploratory experiences and laboratory and real-life applications in the field of Biotechnology. The content should include, but not be limited to, the following:

- the nature of science
- matter, energy, chemical processes of cells, organisms
- cell molecular structure and function, membranes, DNA, plasmids, reproduction, communication
- fundamentals of biochemistry, protein synthesis, germ theory
- molecular genetics and biotechnology, restriction digest, DNA analysis, PCR
- levels of organization, molecular to organismal, classification, and taxonomy
- interdependence of organisms, humans, and the environment
- genetic diversity, selection, adaptations, and changes through time
- bioethics
- connection between Biotechnology, agricultural, food, medicine, and careers

### Biotechnology 1

Course No.: 3027010

Credit: 1\*

Students will continue their work in the areas listed above. In this course students can earn a .5 credit in science and a .5 credit towards their electives.

### Biotechnology 2

Course No.: 3027020

Credit: 1\*

Prerequisite: Biotechnology 1

Students will continue their work in the areas listed above. In this course students can earn a .5 credit in science and a .5 credit towards their electives.

### Biotechnology 3

Course No.: 8736030

Credit: 1\*

Prerequisite: Biotechnology 2

Students will continue their work in the areas listed above.

### Experimental Science I Honors

Course No.: 2002340

Credit: 1\*

Prerequisite: Biotechnology 3

Laboratory investigations which 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

# ACADEMY OF INTERNATIONAL MARKETING

## **Digital Information Technology**

Course No.: 8207310

Credit: 1

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; emerging technologies, and Web page design. After successful completion of Introduction to Information Technology, students will have met Occupational Completion Point A, Information Technology Assistant, SOC Code 15-1041.

## **International Marketing I**

Course No.: 8839110

Credit: 1

Prerequisite: Digital Information Technology

This course will introduce the student to the basics of international marketing. These competencies include an understanding of import and export basics. The major concepts covered will include: demonstrating an understanding of global marketing, defining global trade, demonstrating an understanding of global economics, demonstrating an understanding of import & export basics, demonstrating and understanding of trade documentation, and developing knowledge of government agencies administering trade regulations.

## **International Marketing 2**

Course No.: 8839120

Credit: 1\*

Prerequisite: International Marketing I

This course will develop competencies regarding international marketing, transportation, finance, laws & regulations, and communications. The major concepts covered will include: analyzing global & economic issues, demonstrating an understanding of global marketing & transportation, demonstrating an understanding of global finance, demonstrating an understanding of laws & regulations relating to global marketing, discussing global marketing strategies, demonstrating an understanding of global advertising & promotion, demonstrating effective communication skills specific to global marketing, and explaining the concept & importance of entrepreneurship.

## **International Marketing 3**

Course No.: 8839130

Credit: 1\*

Prerequisite: International Marketing 2

This course provides instruction for career sustaining level employment in the industry. The content includes applied skills, related to international marketing functions including employment skills required for success in international marketing and career planning. Entrepreneurship as related to an international market is also included in this course.

## **The Legal Environment to Business**

Course No.: BUL 3130

Credit: 0.5\*\*

Prerequisite: International Business Systems and meet Dual Enrollment Criteria

Introduction to law as it relates to and impacts upon the operation of business. Consideration is given to the Uniform Commercial Code, antitrust, employment laws, business ethics, international law and the social and political environment in which a business operates.

## **Contemporary Ethical Issues**

Course No.: PHI 2630

Credit: 0.5\*\*

Prerequisite: International Business Systems and meet Dual Enrollment Criteria

This course explores the application of ethical theory to a selection of issues that we as individuals and communities face today. The aim of the course is to show how the philosophical study of ethics can help us evaluate decisions within our lives and engage effectively in discussions about public issues.

## **Fundamentals of Speech**

Course No.: SPC 2608

Credit: 0.5\*\*

Prerequisite: Meet Dual Enrollment Criteria

Introductory course emphasizing current theories of communication, audience analysis and persuasion. Preparation and presentation of speeches on topics of current concern. Conferences, evaluations and videotape replay provide personalized assistance.

# ACADEMY OF INTERNATIONAL BUSINESS

## **Digital Information Technology**

Course No.: 8207310

Credit: 1

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; emerging technologies, and Web page design. After successful completion of Introduction to Information Technology, students will have met Occupational Completion Point A, Information Technology Assistant, SOC Code 15-1041.

## **Accounting Applications I**

Course No.: 8203310

Credit: 1\*

Prerequisite: Digital Information Technology

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

## **International Business Systems**

Course No.: 8216110

Credit: 1\*

Prerequisite: Accounting Applications I

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

## **International Finance & Law**

Course No.: 8216120

Credit: 1\*

Prerequisite: International Business Systems

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

## **The Legal Environment to Business**

Course No.: BUL 3130

Credit: 0.5\*\*

Prerequisite: International Business Systems and meet Dual Enrollment Criteria

Introduction to law as it relates to and impacts upon the operation of business. Consideration is given to the Uniform Commercial Code, antitrust, employment laws, business ethics, international law and the social and political environment in which a business operates.

## **Contemporary Ethical Issues**

Course No.: PHI 2630

Credit: 0.5\*\*

Prerequisite: International Business Systems and meet Dual Enrollment Criteria

This course explores the application of ethical theory to a selection of issues that we as individuals and communities face today. The aim of the course is to show how the philosophical study of ethics can help us evaluate decisions within our lives and engage effectively in discussions about public issues.

## **Fundamentals of Speech**

Course No.: SPC 2608

Credit: 0.5\*\*

Prerequisite: Meet Dual Enrollment Criteria

Introductory course emphasizing current theories of communication, audience analysis and persuasion. Preparation and presentation of speeches on topics of current concern. Conferences, evaluations and videotape replay provide personalized assistance.

# ACADEMY OF INFORMATION TECHNOLOGY

## **Digital Information Technology**

Course No.: 8207310

Credit: 1

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; emerging technologies, and Web page design. After successful completion of Introduction to Information Technology, students will have met Occupational Completion Point A, Information Technology Assistant, SOC Code 15-1041.

## **IT Systems & Applications**

Course No.: 9003430

Credit: 1\*

Prerequisite: Digital Information Technology

This course is designed to provide an overview of installing, configuring and using hardware and software of individual and networked devices, conducting basic troubleshooting of computer hardware and software, communicating over the internet, demonstrate proficiency in security concepts and technologies, and describe the roles within IT teams.

## **Web Technologies**

Course No.: 9003420

Credit: 1\*

Prerequisite: IT Systems & Applications

The curriculum for this course covers the following areas: principles of design, planning an effective website, formulating a website, using web development tools and techniques, using specialized web design software, gathering and preparing web content and preparing a website for launch.

## **Database Essentials**

Course No.: 9003440

Credit: 1\*

Prerequisite: Web Technologies

This course is designed to teach students how to set-up and manage computer database systems, build database tables, perform queries and filter records.

# ART ELECTIVES

## AP Art History

Course No.: 0100300

Credit: 1\*\*

Prerequisite: Meet Honors Criteria

The purpose of this course is to introduce students to the appreciation of works of art, the intelligent examination of works of art, and to the major forms of artistic expression in Western and Nonwestern communities from prehistory to the present. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course. This course meets the performing arts requirement for graduation.**

## Ceramics/Pottery 1

Course No.: 0102300

Credit: 1

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

## Ceramics/Pottery 2

Course No.: 0102310

Credit: 1

Prerequisite: Ceramics/Pottery 1

Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include, but are not limited to, wheel-thrown clay, glaze formulation and application. Media may include, but are not limited to, clay and/or plaster with consideration of the workability, durability, cost, and toxicity of the media used. Ceramic and/or pottery artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials. **This course meets the performing arts requirement for graduation.**

## Ceramics/Pottery 3 Honors

Course No.: 0102320

Credit: 1\*

Prerequisite: Ceramics/Pottery 2

Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include content in ceramics, pottery, or other related media. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. Ceramic and/or pottery artists experiment with processes, techniques, and media, which may include, but are not limited to, casting and kiln-firing techniques, and mold making. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials. **This course meets the performing arts requirement for graduation.**

## Drawing 1

Course No.: 0104340

Credit: 1

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

## Drawing 2

Course No.: 0104350

Credit: 1

Prerequisite: Drawing 1

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing. Student artist's sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials. **This course meets the performing arts requirement for graduation.**

## Drawing 3 Honors

Course No.: 010436

Credit: 1\*

Prerequisite: Drawing 2

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

## Creative Photography 1

Course No.: 0108310

Credit: 1

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

## Creative Photography 2

Course No.: 0108320

Credit: 1

Prerequisite: Creative Photography 1

Students experiment with a variety of photographic media and techniques, and make connections with historical and contemporary photographers to develop a focused body of work. This course may include, but is not limited to, researching the history of photography, making connections to contemporary and community photographers, critiquing with varied techniques, and experimenting with a variety of photographic media. Processes and techniques include, but are not limited to, handcrafted pinhole cameras, hand-tinted photographs, mixed media, cyanotypes, medium format, photo collage, cross-processing, creative filters, infrared and slide film, night photography, macro, panoramic, and/or digital output via a variety of media. Craftsmanship and quality are reflected in the surface of the prints, care of the materials, attention to compositional conventions, and expression of ideas and feelings. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials. **This course meets the performing arts requirement for graduation.**

### **Creative Photography 3 Honors**

Course No.: 0108330

**Credit: 1\***

Prerequisite: Creative Photography 2

Students lead a focused investigation of a subject matter from ideation to completion. Students select a theme, develop a concept, and prepare the work for public viewing, portfolio, distribution, and/or exhibit. This course may include, but is not limited to, research, collaboration, installation, history of photography, making connections to contemporary and community photographers, and critiquing with varied techniques. Processes, techniques, and media may include, but are not limited to, video, film, high speed photography, studio lighting, flash, long exposure, formal portraiture, large format, HDR, RAW processing, and digital output on a variety of media, including non-traditional materials. Craftsmanship and quality are reflected in the surface of the print, care of the materials, attention to compositional conventions, the display setting, and expression of ideas and feelings. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials. **This course meets the performing arts requirement for graduation.**

### **Yearbook I**

Course No.: 0108370

**Credit: 1**

Prerequisites: Completion of Creative Photography I or Journalism I and approval of the yearbook advisor.

Course will be coded as Digital Art Imaging I. The purpose of this course is the creation and publication of the Oceanic yearbook. The coursework includes basic journalism, photography, and design pertaining specifically to yearbook production. **This course meets the performing arts requirement for graduation.**

### **Yearbook II**

Course No.: 0108380

**Credit: 1\***

Prerequisites: Completion of Yearbook I and approval of the yearbook advisor.

Course will be coded as Digital Art Imaging II. **This course meets the performing arts requirement for graduation.**

### **Yearbook III**

Course No.: 0108390

**Credit: 1\***

Prerequisites: Completion of Yearbook II and approval of the yearbook advisor.

Course will be coded as Digital Art Imaging III Honors. **This course meets the performing arts requirement for graduation.**

### **AP Studio Art 2D Portfolio**

Course No.: 0109350

**Credit: 1\*\***

Prerequisite: Teacher Recommendation

This Advanced Placement course is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The course is for the advanced student who wishes to seek AP credit through submitting a portfolio of work for consideration by the College Board. **This course meets the performing arts requirement for graduation.**

### **AP Studio Art 3D Portfolio**

Course No.: 0109360

**Credit: 1\*\***

Prerequisite: Teacher Recommendation

This Advanced Placement course is intended to address a very broad interpretation of sculptural issues in three-dimensional (3-D) design. Such elements and concepts may be articulated through additive, subtractive and/or fabrication processes. It is for the advanced student who wishes to seek AP credit through submitting a portfolio of work for consideration by the College Board. **This course meets the performing arts requirement for graduation.**

### **AP Art: Drawing Portfolio**

Course No.: 0104300

**Credit: 1\*\***

Prerequisite: Teacher Recommendation

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline, and breadth in their chosen area of research. It is for the advanced student who wishes to seek AP credit through submitting a Portfolio of work for consideration by the College Board. **This course meets the performing arts requirement for graduation.**

# Drama Electives

## Theatre I

Course No.: 0400310

Credit: 1

This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art. **This course meets the performing arts requirement for graduation.**

## Theatre II

Course No.: 0400320

Credit: 1

Prerequisite: "C" or higher in Drama I

This course is designed for students with a year of experience or more, and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work. **This course meets the performing arts requirement for graduation.**

## Theatre III Honors

Course No.: 0400330

Credit: 1\*

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

## Theatre IV Honors

Course No.: 0400340

Credit: 1\*

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

## Musical Theatre I

Course No.: 0400700

Credit: 1

Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **This course meets the performing arts requirement for graduation.**

## Musical Theatre II

Course No.: 0400710

Credit: 1

Prerequisite: Musical Theatre I

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **This course meets the performing arts requirement for graduation.**



## Acting II

Course No.: 0400380

Credit: 1

Prerequisite: Theatre I and Teacher Approval

Students examine the various dimensions of characters through analysis, discussion, and classroom performance, working with scripts from a variety of time periods and cultures. They learn to break down a scene from a character's point of view, and also learn to sustain a character and build the relationship between actor and audience. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **This course meets the performing arts requirement for graduation.**

## Acting III

Course No.: 0400390

Credit: 1

Prerequisite: Acting II and Teacher Approval

Students focus on development of significant acting skills and knowledge of the actor's literature, compiling a working actor's portfolio for exhibition and/or the interview process. They research potential job opportunities in the film, television, game animation, and theatre industries, as well as scholarships and opportunities available at the university level. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **This course meets the performing arts requirement for graduation.**

## Acting IV Honors

Course No.: 0400440 Credit: 1\*

Prerequisite: Acting III and Teacher Approval

Students create characters for theatrical and film/video productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices becomes evident. An inquiry-based capstone project may be required. Public performances may serve as a culmination of specific instructional goals. Students may be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **This course meets the performing arts requirement for graduation.**

## Exceptional Student Education

**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 points in the subject areas of science, social studies, art, dance, physical education, theatre, and health provide tiered access to the general curriculum through three levels of access points (Participatory, Supported, and Independent). Access points in English language arts and mathematics do not contain these tiers, but contain Essential Understandings (or EUs). EUs consist of skills at varying levels of complexity and are a resource when planning for instruction.

**Access English I/II**

Course No.: 7910111

Credit: Multiple

**Access English III/IV**

Course No.: 7910112

Credit: Multiple

**Access Algebra IA**

Course No.: 7912080

Credit: Multiple

**Access Integrated Science I**

Course No.: 7920025

Credit: Multiple

**Access Chemistry I**

Course No.: 7920011

Credit: Multiple

**Access Biology I**

Course No.: 7920015

Credit: Multiple

**Access Earth/Space Science**

Course No.: 7920020

Credit: Multiple

**Access World History**

Course No.: 7921030

Credit: Multiple

**Access United States History**

Course No.: 7921035

Credit: Multiple

**Access Hope**

Course No.: 7915015

Credit: Multiple

## Learning Strategies

Course No.: 7963080 Credit: Multiple

The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings.

## Experiential Education

### Executive Internship I

Course No.: 0500300 Credit: 1

The purpose of this course is to provide a practical introduction to the work environment through direct contact with professionals in the community. Students must currently have a job and work a minimum of 25 hours per month. This course is offered during the first period or the last period of the day and students must have their own transportation to leave during the class period they are scheduled into this course. The instructor will meet a minimum of once a month with the students during their scheduled class time for a required meeting and class discussion. Students will be required to sign in/out when they arrive/leave campus for their course and turn in each month: weekly journal of reflections from their workplace, pay stubs to verify the hours per month the student is working and an understanding of appropriate business attire.

### Executive Internship II

Course No.: 0500310 Credit: 1

The purpose of this course is to supplement the existing curriculum by providing community internships. Students apply textbook learning, leadership skills and understanding in challenging and creative professional areas. Students must currently have a job and work a minimum of 25 hours per month. This course is offered during the first period or the last period of the day and students must have their own transportation to leave during the class period they are scheduled into this course. The instructor will meet a minimum of once a month with the students during their scheduled class time for a required meeting and class discussion. Students will be required to sign in/out when they arrive/leave campus for their course and turn in each month: weekly journal of reflections from their workplace, pay stubs to verify the hours per month the student is working and an understanding of appropriate business attire.

### Executive Internship III

Course No.: 0500320 Credit: 1

The purpose of this course is to further refine and apply technical skills and competencies for leadership within specific professional areas. Students must currently have a job and work a minimum of 25 hours per month. This course is offered during the first period or the last period of the day and students must have their own transportation to leave during the class period they are scheduled into this course. The instructor will meet a minimum of once a month with the students during their scheduled class time for a required meeting and class discussion. Students will be required to sign in/out when they arrive/leave campus for their course and turn in each month: weekly journal of reflections from their workplace, pay stubs to verify the hours per month the student is working and an understanding of appropriate business attire.

## Language Arts

### English I

Course No.: 1001310 Credit: 1

The purpose of this course is to provide English I students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. **Summer reading is required.**

### English Honors I

Course No.: 1001320 Credit: 1\*

Prerequisite: Meet Honors Criteria

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

### English II

Course No.: 1001340 Credit: 1

Prerequisite: English I

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

**English Honors II** Course No.: 1001350 Credit: 1\*  
Prerequisite: English I and Meet Honors Criteria  
The purpose of this course is to provide grade 10 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness. **Summer reading is required.**

**English III** Course No.: 1001370 Credit: 1  
Prerequisite: English II  
The purpose of this course is to provide grade 11 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. **Summer reading is required.**

**English Honors III** Course No.: 1001380 Credit: 1\*  
Prerequisite: English II and Meet Honors Criteria  
The purpose of this course is to provide grade 11 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language in preparation for college and career readiness. **Summer reading is required.**

**English IV: Florida College Prep** Course No.: 1001405 Credit: 1  
Prerequisite: English III  
This course incorporates reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida Postsecondary Readiness Competencies necessary for entry-level college courses and are also related to the College and Career Readiness (CCR) anchor standards, the exit standards of Florida's K -12 Common Core Standards. **Summer reading is required.**

**English Honors IV** Course No.: 1001410 Credit: 1\*  
Prerequisite: English III and Meet Honors Criteria  
The purpose of this course is to provide grade 12 students, using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. **Summer reading is required.**

**AP English Language and Composition** Course No.: 1001420 Credit: 1\*\*  
Prerequisite: English II & Meets Honors Criteria  
The purpose of this course is to provide students with an understanding of the semantic, structural and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones. **Students taking this course will take the AP exam in May. Summer reading is required.**

**AP English Literature and Composition** Course No.: 1001430 Credit: 1\*\*  
Prerequisite: English III or AP Language & Meets Honors Criteria  
The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. **Students taking this course will take the AP exam in May. Summer reading is required.**

**English Composition I** Course No.: ENC 1101 Credit: 1\*\*  
Prerequisite: Meet Dual Enrollment Requirements  
ENC 1101 is a course in paragraph and essay writing, incorporating some review of basic grammar. Students will learn to write essays that are unified, coherent, and grammatically correct.

## English Composition II

Course No.: ENC 1102

Credit: 1\*\*

Prerequisite: Meet Dual Enrollment Requirements and ENC 1101

Detailed training in the methods and applications of expository writing and the process of logical thinking. Emphasis is placed on descriptive, persuasive, and argumentative writing.

## Language Arts Electives

### Intensive Reading

Course No.: 1000410

Credit: 1

Prerequisite: Level 1 or 2 on the FSA Reading

The purpose of this course is to provide instruction that enables students to accelerate the development of reading and writing skills and to strengthen those skills so they are able to successfully read and write grade level text independently. Instruction emphasizes reading comprehension, writing fluency, and vocabulary study through the use of a variety of literary and informational texts encompassing a broad range of text structures, genres, and levels of complexity. Texts used for instruction focus on a wide range of topics, including content-area information, in order to support students in meeting the knowledge demands of increasingly complex text. Students enrolled in the course will engage in interactive text-based discussion, question generation, and research opportunities. They will write in response to reading and cite evidence when answering text dependent questions orally and in writing. The course provides extensive opportunities for students to collaborate with their peers. Scaffolding is provided as necessary as students engage in reading and writing increasingly complex text and is removed as the reading and writing abilities of students improve over time.

### Journalism I

Course No.: 1006300

Credit: 1

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. **This course meets the practical arts requirement for graduation.**

### Journalism II

Course No.: 1006310

Credit: 1

Prerequisite: Journalism I, B or higher in previous Journalism course and teacher recommendation

The purpose of this course is to enable students to extend fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

### Journalism III

Course No.: 1006320

Credit: 1

Prerequisite: Journalism II, B or higher in previous Journalism course and teacher recommendation

The purpose of this course is to enable students to perform grade level skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to continue to develop knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

### Journalism IV

Course No.: 1006330

Credit: 1

Prerequisite: Journalism III, B or higher in previous Journalism course and teacher recommendation

The purpose of this course is to enable students to perform skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to extend further knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

### Creative Writing I

Course No.: 1009320

Credit: 0.5

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

## Creative Writing II

Course No. 1009330

Credit: 0.5

The purpose of this course is to enable students to develop and use grade 11-12 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing. This work will also develop a literacy magazine.

## Mathematics

### Algebra I

Course No.: 1200310

Credit: 1

This course is required for graduation. Topics include number systems, polynomial operations, solving linear equations and inequalities, coordinate graphing, solving simultaneous linear equations, factoring, exponents, square roots, and simple radical equations. **This course will have an EOC.**

### Algebra I Honors

Course No.: 1200320

Credit: 1\*

Prerequisite: Meets Honors Criteria

This course is required for graduation. This course is a rigorous study designed for the student who excels in both ability and performance in mathematics. Topics include enriched and extended study of number systems, polynomial operations, solving linear equations and inequalities, coordinate graphing, solving systems of equations, factoring and solving quadratics, exponential and radical equations, probability and Statistics. **This course will have an EOC.**

### Intensive Math

Course No.: 1200400

Credit: 1

Prerequisite: Teacher Placement

This course is required for all students scoring level 1 or 2 on the FCAT Math exam. This course is required for students who did not pass the math portion of the FCAT. The course focuses on remediation of FCAT topics. **This course is counted as an elective not a math credit towards graduation.**

### Algebra II

Course No.: 1200330

Credit: 1

Prerequisite: Credit in Algebra I and Geometry (A, B, C)

This second course in algebra is designed for college bound students. Topics include number systems, quadratics, polynomials, factoring, rational expressions, solving rational equations, radicals, logarithmic and exponential functions, and conic sections, sequences and series, and probability and statistics. **This course will have an EOC.**

### Algebra II Honors

Course No.: 1200340

Credit: 1\*

Prerequisite: Credit in both Algebra I/Algebra I Honors and Geometry Honors (A, B, C)

This course is designed for the student who excels both in ability and performance in college preparatory mathematics. Algebra II Honors is a rigorous study of graphical behaviors, sequences and series, polynomials and rational algebraic expressions, irrational numbers, complex numbers, polynomial and quadratic functions, logarithms and exponential equations, trigonometry, Probability and Statistics. This course has an optional summer assignment, which will help prepare students for the 1<sup>st</sup> day Pretest for Algebra 2 Honors. **This course will have an EOC**

### Geometry

Course No.: 1206310

Credit: 1

Prerequisite: Algebra I or Algebra I Honors

The course introduces the basic concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. Topics include congruence, similarity, perpendicularity, parallelism, circles and quadrilaterals, proof of writing, Pythagorean Theorem, and areas of polygons. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II. **This course will have an EOC.**

### Geometry Honors

Course No.: 1206320

Credit: 1\*

Prerequisite: Algebra I (A) or Algebra I Honors (A, B, C)

This course is designed for the student who excels in both ability and performance in college preparatory mathematics. This is a rigorous study of the concepts of Euclidean geometry and illustrates basic logic and its use in problem solving. This course emphasizes the relationship between algebra and geometry in preparation for Algebra II. **This course will have an EOC.**

**Liberal Arts Math I** Course No: 1207300 Credit: 1  
Prerequisite: Credit in Algebra I  
This course is designed to strengthen student skills in mathematics before continuing study in the academic sequence. Students will solve a variety of problems as described by the Florida Common Core State Standards.

**Liberal Arts Math II** Course No.: 1207310 Credit: 1  
Prerequisite: Credit in both Algebra I and Geometry  
This course is designed to strengthen student skills in mathematics before continuing study in the academic sequence. Students will solve a variety of problems as described by the Florida Common Core State Standards.

**Pre-Calculus Honors** Course No.: 1202340 Credit: 1\*  
Prerequisite: Algebra 2 Honors (A, B)  
This course is designed for the student who excels both in ability and performance in college preparatory mathematics. This course is designed to strengthen the student's skill in preparation for calculus. Topics include extension of polynomial functions, exponential and logarithmic functions, sequences and series, trigonometry, mathematical induction, matrix algebra, elementary functions, and limits. **This course has an optional summer assignment, which will help prepare students for the 1<sup>st</sup> day Pretest for Pre-calculus.**

**Probability & Statistics with Applications Honors** Course No.: 1210300 Credit: 1\*  
Prerequisite: Algebra 2  
The purpose of this course is to introduce students to the fundamentals of descriptive and inferential statistics with a pronounced emphasis on inference.

**Math for College Readiness** Course No: 1200700 Credit: 1  
Prerequisite: 3 credits including Algebra 2  
The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra I, Geometry, and Algebra II and who wish to pursue credit generating mathematics courses at the college level. Topics include functions, relations, logarithms, matrices, descriptive statistics, and strategies for college readiness.

**AP Calculus AB** Course No.: 1202310 Credit: 1\*\*  
Prerequisite: Pre-Calculus (A, B)  
This course is designed for the student considering a math and/or science major at a four-year college. Topics include antiderivatives, definite integrals, and applications of the integral. Extensive out of class preparation is required. **Students taking this course will take the AP exam in May. There is a summer assignment for this course, which is due the first day of school and a test the first week of school.**

**AP Calculus BC** Course No.: 1202320 Credit: 1\*\*  
Prerequisite: AP Calculus AB  
The purpose of this course is to provide an extended AB Calculus material along with sequences, series, vector and polar concepts. Students who take this course will earn an AB and a BC score on the AP Exam. **Students taking this course will take the AP exam in May.**

**AP Statistics** Course No.: 1210320 Credit: 1\*\*  
Prerequisite: Algebra II (A, B)  
The content should include, but not be limited to, the following: exploratory data, observing patterns and departures from patterns, planning a study, deciding what and how to measure, anticipating patterns in advance, producing models using probability and simulation, statistical inference, confirming models. **Students taking this course will take the AP exam in May.**

## Music Electives

### Band I

Course No.: 1302300

Credit: 1

This year-long, entry-level class, designed for students having little or no previous band experience with woodwind, brass, and/or percussion instruments, promotes the enjoyment and appreciation of music through performance of high-quality, beginning wind and percussion literature from different times and places. Rehearsals focus on the development of critical listening/aural skills; rudimentary instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances. **Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities and there is a required fee. This course meets the performing arts requirement for graduation.**

### Band II

Course No.: 1302310

Credit: 1

Prerequisite: Band I

This year-long, beginning-level class, designed for students with at least one year of woodwind, brass, and/ or percussion ensemble experience, promotes the enjoyment and appreciation of music through performance of high-quality wind and percussion literature. Rehearsals focus on the development of critical listening skills, instrumental and ensemble technique and skills, expanded music literacy, and aesthetic awareness culminating in periodic public performances. **Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities and there is a required fee. This course meets the performing arts requirement for graduation.**

### Band III

Course No.: 1302320

Credit: 1

Prerequisite: Band II

This year-long, formative class, designed for students ready to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate-level wind and percussion literature. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances. **Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities and there is a required fee. This course meets the performing arts requirement for graduation.**

### Band V Honors

Course No.: 1302340

Credit: 1\*

Prerequisite: Band III

This year-long, advanced course, designed for wind and percussion students with extensive experience in solo performance and larger performing ensembles, promotes significant depth of engagement and lifelong appreciation of music through performance and other experiences with sophisticated instrumental music, as well as creativity through composition and/or arranging. The course includes the development of advanced instrumental ensemble techniques and skills, extended music literacy and theory, and deep aesthetic engagement with a broad spectrum of high-quality repertoire, ranging from early music to the contemporary. Musical independence and leadership are particularly encouraged in this setting. **Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities and there is a required fee. This course meets the performing arts requirement for graduation.**

### Jazz Ensemble I

Course No.: 1302500

Credit: 1

Students with experience on an instrument suited for jazz ensemble explore the fundamentals of performance practices, improvisation, and music theory through a diverse repertoire of high-quality jazz literature. Students learn the basics of foundational jazz styles, use chord symbols, develop knowledge of musical structure, and study the history of jazz and its iconic musicians. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source. **This course meets the performing arts requirement for graduation.**

**Jazz Ensemble I I**

Course No.: 1302510

Credit: 1

Prerequisite: Jazz Ensemble I

Students with jazz experience become conversant with basic chord progressions and the scale/chord relationship, strengthen aural skills, and learn to improvise and compose melodies over progressions as they rehearse, perform, and study high-quality jazz ensemble literature. Musicians study jazz history and become familiar with the cultural context of various compositions and artists. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source. **This course meets the performing arts requirement for graduation.**

**Keyboard I**

Course No.: 1301360

Credit: 1

Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. Beginning pianists develop skills in analytical listening and explore musical creativity in the form of basic improvisation and basic composition. Public performances may serve as a culmination of specific instructional goals. **This course meets the performing arts requirement for graduation.**

**Keyboard II**

Course No.: 1301370

Credit: 1

Prerequisite: Keyboard I

Students build on previous piano techniques and skills through reading music, acquiring and applying knowledge of music theory, and exploring the role of keyboard music in history and culture. Students learn repertoire from various styles and time periods, exploring the historical influence keyboards have had on music performance and composition. Students explore the basic tools of music technology (i.e., MIDI keyboards). Public performances may serve as a culmination of specific instructional goals. **This course meets the performing arts requirement for graduation.**

**Keyboard III**

Course No.: 1301380

Credit: 1

Prerequisite: Keyboard II

Students further develop advanced knowledge of piano techniques, musical literacy, solo and ensemble performance skills, and related musical knowledge, using a variety of advanced piano literature. Students explore the historical influence keyboards have had on music performance and composition, and apply criteria to assess their own and others' piano performances. Students extend their knowledge of music technology (i.e., MIDI keyboards) and its connection to the computer and other sound-generating devices. **This course meets the performing arts requirement for graduation.**

**Keyboard IV Honors**

Course No.: 1301390

Credit: 1\*

Prerequisite: Keyboard III

Students develop highly advanced piano techniques, music literacy, solo performance skills, and related musical knowledge through a variety of advanced piano literature. Students work toward greater musical independence through accompanying other musicians, performing solos, and/or creating original music compositions. In keeping with the rigor expected in an Honors course, students undertake independent study that includes synthesis of learning and experience. **This course meets the performing arts requirement for graduation.**

**Chorus I**

Course No.: 1303300

Credit: 1

This year-long, entry-level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances. **This course meets the performing arts requirement for graduation.**

**Chorus II**

Course No.: 1303310

Credit: 1

Prerequisite: Chorus I

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



**Chorus III**

Course No.: 1303320

Credit: 1

Prerequisite: Chorus II

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

**Chorus V Honors**

Course No.: 1303340

Credit: 1\*

Prerequisite: Chorus III

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

**Eurhythmics I**

Course No.: 1305300

Credit: 1

The purpose of this course is to enable students to develop basic skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision and the relationship between music and dance. This course includes after school and weekend activities. **This course meets the performing arts requirement for graduation.**

**AP Music Theory**

Course No.: 1300330

Credit: 1\*\*

Prerequisite: Teacher Recommendation

The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. This course includes after school and independent study. Students are expected to take a final AP exam. **This course meets the performing arts requirement for graduation.**

## Physical Education and Health

**HOPE-Physical Education**

Course No.: 3026010

Credit: 1

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach. **This course is required for graduation. This course will assist in meeting the virtual requirement established by the state of Florida in 2011.**

**Weight Training**

Course No.: various

Credit: multiple

Prerequisite: None

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance, and begin to enhance self-image. This class focuses on fitness, nutrition, and well-being.

**Indoor/Outdoor Team Sports**

Course No.: various

Credit: multiple

Prerequisite: None

The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports, and improve health-related fitness.

## Science

**Biology I**

Course No.: 2000310

Credit: 1

Prerequisite: Physical Science

This course provides exploratory experiences and activities in the fundamental concepts of life. Laboratory safety and use of apparatus will be addressed, as well as the scientific method and measurement. Lab activities are an integral part of this course.

**This course will have an EOC.**

**Biology I Honors**

Course No.: 2000320

**Credit: 1\***

Prerequisite: Meet Honors Criteria and Algebra I

This course is designed for students who are capable of exploring biology in greater depth than Biology I provides. Content includes the study of the scientific method and measurement, laboratory safety and use of apparatus, cellular structure and function, classification, genetics, and the study of living organisms, and the process of natural selection. **This course will have an EOC.**

**AP Biology**

Course No.: 2000340

**Credit: 1\***

Prerequisite: Chemistry I, Chemistry I Honors, Algebra II, Algebra II Honors

The purpose of this course is to provide students with advanced concepts and activities dealing with the life sciences. The course content will include the chemical composition of organisms; cell infrastructure and function of cellular organ cells; role of enzymes in living processes; biochemical pathways involved in respiration and photosynthesis; processes of cell division; principles of genetics; structure and function in plants and animals, their reproduction and development; modern theories for the origin of life; changes in organisms through time; stereotyped and learned behavior, implications of man's social biology on his environment and quality of life. Lab activities that are required by College Board AP Biology curriculum will be an integral part of this course. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**AP Biology & Biology 2 Honors (Block Course)**

Course No.: 2000340/330

**Credits: 2\***

AP Biology is an AP level course and Biology II is an Honors course

The purpose of this course is to enable students to develop knowledge of biology by expanding and applying biological concepts. **Students taking these courses will take the AP exam in May. There may be a summer assignment for this course.**

**Chemistry I**

Course No.: 2003340

Credit: 1

Co-requisite: Algebra II

The purpose of this course is to study the composition, properties, and changes associated with matter and their applications. Students will be expected to have strong math skills as chemistry is a math based science course. Laboratory activities are an integral part of this course. It is recommended that the student be registered in Algebra II and have a Level 3 FCAT Reading or higher.

**Chemistry I Honors**

Course No.: 2003350

**Credit: 1\***

Prerequisite: Meet Honors Criteria

Co requisite: Algebra II

The purpose of this course is to provide students with a math -based accelerated study of the composition, properties and changes of matter that will prepare students for participation in college-level coursework. Students will be required to submit a laboratory notebook, documenting extensive lab experiences.

**AP Chemistry**

Course No.: 2003370

**Credit: 1\***

Prerequisite: Algebra II, Algebra II Honors

The purpose of this course is to provide students with a rigorous second year course of study in chemistry. Topics will include advanced stoichiometry, re-dox reactions, molecular geometry, solution chemistry, acid-based chemistry, thermochemistry and electrochemistry. Lab activities that are required by the College Board AP chemistry curriculum will be an integral part of this course. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**AP Chemistry & Chemistry 2 Honors (Block Course)**

Course No.: 2003370/60

**Credits: 2\***

AP Chemistry is an AP level course and Chemistry II Honors is an Honors course

The purpose of this course is to enable students to develop knowledge of chemistry by expanding and applying chemical concepts introduced in Chemistry I. **Students taking these courses will take the AP exam in May. There may be a summer assignment for this course.**

**Earth/Space Science**

Course No.: 2001310

Credit: 1

Prerequisite: 11<sup>th</sup> grade

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history, and environment in space. Lab activities will be an integral part of this class.

**AP Environmental Science**

Course No.: 2001380

Credit: 1\*\*

Prerequisite: Biology &amp; Chemistry

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify & analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Labs will be an integral part of the curriculum. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**Physical Science**

Course No.: 2003310

Credit: 1

Prerequisite: None

The purpose of this course is to provide students with a quantitative investigative study of the introductory concepts of chemistry, and physics. The content includes dynamics, classification and interaction of matter, periodic table, forms of energy, electricity and magnetism, chemical interactions, nuclear reactions, and career opportunities in physical science. Laboratory activities are an integral part of this course.

**Physical Science Honors**

Course No.: 2003320

Credit: 1\*

Prerequisite: meet Honors criteria

The purpose of this course is to provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

**Physics I**

Course No.: 2003380

Credit: 1

Prerequisite: Chemistry and Algebra 2

The purpose of this course is to provide students with introductory study of the theories and laws governing the interaction of matter, energy and forces of nature. The content includes kinematics, dynamics, energy, thermodynamics, wave characterization, electricity and sound. Lab activities are an integral part of this course.

**Physics I Honors**

Course No.: 2003390

Credit: 1\*

Prerequisite: Meet Honors Criteria, Chemistry, A or B in Algebra 2 Honors or A, B or C in Pre-Calculus

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

**AP Physics I**

Course No.: 2003421

Credits: 1\*\*

Prerequisite: Pre-Calculus

This course is an introductory college-level course that covers Newtonian mechanics, work, energy and power, mechanical waves and sound and simple circuits. The course requires that 25% of instructional time be spent in laboratory work. **Will be offered as a block with AP Physics 2. Students taking these courses will take the AP exam in May.**

**AP Physics 2**

Course No.: 2003422

Credits: 1\*\*

Prerequisite: AP Physics I

This course covers fluid statics and dynamics, thermodynamics, electrostatics, electrical circuits with capacitors, electromagnetism, optics, quantum, atomic and nuclear physics. **Will be offered as a block with AP Physics I. Students taking these courses will take the AP exam in May.**

**AP Physics C: ME**

Course No.: 2003430

Credits: 1\*\*

Prerequisite: Physics I Honors and AP Calculus AB

The purpose of this course is to provide study in mechanics, classical electricity, magnetism, kinematics, forces, energy, gravity and rotational motion. **Students taking these courses will take the AP exam in May.**

**Marine Science**

Course No.: 2002500

Credit: 1

Prerequisite: Biology and in 12<sup>th</sup> grade

The purpose of this course is to provide an overview of the marine environment. The content includes the nature of science, the origins of the oceans, the chemical, physical and geological aspects of the marine environment, ecology of various sea zones, marine communities, diversity of marine organisms, characteristics of marine ecosystems and phyla/division and the interrelationship between man and the ocean.

**Anatomy and Physiology Honors**

Course No.: 2000360

Credit: 1\*

Prerequisite: Meets Honors Criteria and Teacher Recommendation

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

## Social Studies

**United States History**

Course No.: 2100310

Credit: 1

Prerequisite: Junior

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. 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. **This course will have an EOC.**

**United States History Honors**

Course No.: 2100320

Credit: 1\*

Prerequisite: Junior and meets honors criteria

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. 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. Document analysis is a major component of this course. **This course will have an EOC.**

**AP United States History**

Course No.: 2100330

Credit: 1\*\*

Prerequisite: Junior and Meets Honors Criteria

Students study the development of the United States within the context of history by examining connections to the past to prepare for the future. 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. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**World Cultural Geography**

Course No.: 2103300

Credit: 1

Students develop multicultural understanding and use geographical concepts and skills to acquire information and systematically apply decision-making processes to real-life situations. They will acquire an understanding of interrelationships between people and their environment. **This course counts as a core social studies course in the FL Bright Futures Calculation.**

**International Relations II Honors**

Course No.: 2106445

Credit: 1\*

Prerequisite: Meets Honors Criteria

This course analyzes some of the main approaches to the study of international relations. It briefly reviews the history of world politics from Ancient Greece to the modern era, with particular emphasis on key concepts, such as balance of power, collective agreements, and sovereignty. It then applies these concepts to major issues of international security, economics, and diplomacy. Critical emphasis is devoted to current debates in international politics over such issues as economic globalization, recent ethnic conflicts, the role of the United Nations in world affairs, and examples of transnational activism.

**World History**

Course No.: 2109310

Credit: 1

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.

**World History Honors**

Course No.: 2109320

**Credit: 1\***

Prerequisite: Meets Honors Criteria

The purpose of this more rigorous 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. **There may be a summer assignment for this course.**

**AP World History**

Course No.: 2109420

**Credit: 1\*\***

Prerequisite: Meet Honors Criteria and AP Human Geography or World History Honors

Understanding of world history is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Focus is primarily on the global experience from 1000 AD to the present. Periodization forms the organizing principal for dealing with change and continuity in that time period. **Recommended for 10<sup>th</sup> grade, but can be taken as an elective in junior and senior year. Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**AP Human Geography**

Course No.: 2103400

**Credit: 1\*\***

Prerequisite: Meet Honors criteria

The purpose of this course is to enable students to develop higher levels of concepts and skills related to human geography. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**United States Government**

Course No.: 2106310

Credit: 0.5

Prerequisite: 12<sup>th</sup> grade

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.

**United States Government Honors**

Course No.: 2106320

**Credit: 0.5\***Prerequisite: 12<sup>th</sup> grade and meets honors criteria

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.

**Advanced Placement United States Government and Politics**

Course No.: 2106420

**Credit: 0.5\*\***Prerequisite: 12<sup>th</sup> grade and meets honors criteria

Students acquire a critical perspective of politics and government in the United States. They learn general concepts used to interpret American politics and analyze specific case studies. Students also become familiar with the various institutions, groups, beliefs and ideas that constitute the American political perspective. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**Advanced Placement Comparative Government and Politics**

Course No.: 2106430

**Credit: 0.5\*\***Prerequisite: 12<sup>th</sup> grade and meets honors criteria

Students gain knowledge of the world's diverse political structures and practices through the study of government and politics in Great Britain, France, the Commonwealth of Independent States, China and developing nations. Emphasis is placed on general concepts used to interpret key political relationships found in national politics. **Students are expected to take a final AP exam. There may be a summer assignment for this course. This course is blocked with AP United States Government and Politics and must be taken together.**

**Economics with Financial Literacy**

Course No.: 2102335

Credit: 0.5

Prerequisite: 12<sup>th</sup> grade

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

**Economics with Financial Literacy Honors**

Course No.: 2102345

**Credit: 0.5\***Prerequisite: 12<sup>th</sup> grade and meets honors criteria

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

**Advanced Placement Macroeconomics**

Course No.: 2102370

**Credit: 0.5\*\***Prerequisite: 12<sup>th</sup> grade and meets honors criteria

Students study the choices they must make as producers, consumers, investors and taxpayers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. **Students are expected to take a final AP exam. There may be a summer assignment for this course.**

**Advanced Placement Microeconomics**

Course No.: 2102360

**Credit: 0.5\*\***Prerequisite: 12<sup>th</sup> grade and meets honors criteria

The purpose of this course is to have students learn about the factors that influence the economic system. **Students are expected to take a final AP exam. There may be a summer assignment for this course. This course is blocked with AP Macroeconomics and must be taken together.**

## Social Studies Electives

**Psychology I**

Course No.: 2107300

Credit: 0.5

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

**Psychology 2**

Course No.: 2107310

Credit: 0.5

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

**AP Psychology**

Course No.: 2107350

**Credit: 1\*\***Prerequisite: 11<sup>th</sup> grade and meets Honors Criteria

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction, and the progressive development of individuals. This course will better prepare students to understand their own behavior and the behavior of others. Students will take the final AP exam. **Students taking this course will take the AP exam in May. This course counts as a core social studies course in the FL Bright Future calculation.**

## Technology Electives

**Film I**

Course No.: 0107410

Credit: 1

Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. The instructional focus will be on film. Students produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials. **This course meets the practical arts requirement for graduation.**

**Film II**

Course No.: 0107420

Credit: 1

Prerequisite: Film I

Students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional animations. The instructional focus will be on film. As they become more adept at using the tools and techniques available to them, students design digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication. This course incorporates hands-on activities, the use of technology, and consumption of art materials. **This course meets the practical arts requirement for graduation.**

**Film III**

Course No.: 0107430

Credit: 1\*

Prerequisite: Film II

Students explore advanced topics through project-based work, becoming more self-directed in their acquisition and use of concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional animations in video formats. The instructional focus will be on film. As they become more adept at using the tools and techniques available to them, students design and produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication and independence to promote risk-taking in the completion of conceptually based, self-directed work. This course incorporates hands-on activities, the use of technology, and consumption of art materials. **This course meets the practical arts requirement for graduation.**

**AP Computer Science A**

Course No.: 0200320

Credit: 1\*

Prerequisite: 10<sup>th</sup> Grade

The AP Computer Science A course is an introductory course in computer science. The major theme of the course is problem solving. Please go to [apcentral.collegeboard.com](http://apcentral.collegeboard.com) for more information regarding this course. **Students taking this course will take the AP exam in May.**

## World Languages

**Spanish I**

Course No.: 0708340

Credit: 1

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed 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.

**Spanish II**

Course No.: 0708350

Credit: 1

Prerequisite: Spanish I

The purpose of this course 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 and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

**Spanish III Honors**

Course No.: 0708360

Credit: 1\*

Prerequisite: Spanish II

The purpose of this course is to strengthen the student's 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. Emphasis is placed on oral proficiency. Experiences with Spanish literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

<b>Spanish IV Honors</b>	Course No.: 0708370	<b>Credit: 1*</b>
Prerequisite: Spanish III		
The purpose of this course 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.		
<b>Spanish V Honors</b>	Course No.: 0708380	<b>Credit: 1*</b>
Prerequisite: Spanish IV		
The purpose of this course is to expand previously acquired skills.		
<b>AP Spanish Language &amp; Culture</b>	Course No.: 0708400	<b>Credit: 1**</b>
Prerequisite: Meet Honors Criteria and strong Spanish foundation		
The purpose of this course is to develop oral and written fluency in Spanish. Students will follow a rigorous curriculum in order to pass the AP Exam at the end of the year. <b>Students taking this course will take the AP exam in May. There will be a summer assignment for this course.</b>		
<b>AP Spanish Literature &amp; Culture</b>	Course No.: 0708410	<b>Credit: 1**</b>
Prerequisite: Meet Honors Criteria and strong Spanish foundation		
The purpose of this course is to develop oral and written fluency in Spanish. Students will follow a rigorous curriculum in order to pass the AP Exam at the end of the year. <b>Students taking this course will take the AP exam in May. There will be a summer assignment for this course.</b>		
<b>Hispanic Culture</b>	Course No.: SPN 3501	<b>Credit: 1**</b>
Prerequisite: Meet Dual Enrollment Requirements		
This course examines topics and issues pertaining to Spain, Latin America, and/or US Latinos. The course will be taught entirely in Spanish so that students develop a better understanding of the intrinsic relationship between language and culture.		
<b>Chinese I</b>	Course No.: 0711300	<b>Credit: 1</b>
The purpose of this course is to enable students to begin to acquire proficiency in Chinese through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed 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.		
<b>Chinese II</b>	Course No.: 0711310	<b>Credit: 1</b>
Prerequisite: Chinese I		
The purpose of this course is to enable students to enhance proficiency in Chinese through a linguistic, communicative, and cultural approach to language learning. 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.		
<b>Chinese III Honors</b>	Course No.: 0711320	<b>Credit: 1*</b>
Prerequisite: Chinese II		
The purpose of this course is to enable students to enhance proficiency in Chinese 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 Chinese literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.		
<b>Chinese IV Honors</b>	Course No.: 0711330	<b>Credit: 1*</b>
Prerequisite: Chinese III		
The purpose of this course is to enable students to enhance proficiency in Chinese 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 Chinese literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.		



**AP Chinese Language & Culture**

Course No.: 0711340

**Credit: 1\*\***

Prerequisite: Meet Honors Criteria and strong Chinese foundation

The purpose of this course is to develop oral and written Chinese linguistic accuracy, strategic and meta-cognitive skills, and an understanding of contemporary and historical Chinese culture. Students will follow a rigorous curriculum in order to pass the AP Exam at the end of the year. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**Latin 1**

Course No.: 0706300

Credit: 1

The purpose of this course is to introduce students to fundamental Latin vocabulary and grammar and to classical culture. The content will cover communication in Latin using reading, writing, and comprehension; perspectives, practices, and products of classical culture; application of knowledge of the Latin language and classical culture to further knowledge of other disciplines; comparison and contrast of the Latin language and classical culture with the student's own language and culture; influence of the Latin language and classical culture in modern society.

**Latin 2**

Course No.: 0706310

Credit: 1

Prerequisite: Latin 1

The purpose of this course is to introduce students to fundamental Latin vocabulary and grammar and to classical culture. The content will cover communication in Latin using reading, writing, and comprehension; perspectives, practices, and products of classical culture; application of knowledge of the Latin language and classical culture to further knowledge of other disciplines; comparison and contrast of the Latin language and classical culture with the student's own language and culture; influence of the Latin language and classical culture in modern society.

**Latin 3 Honors**

Course No.: 0706320

**Credit: 1\***

Prerequisite: Latin 2

The purpose of this course is to enable students to enhance their proficiency in the foundations of Latin vocabulary and grammar and to expand their knowledge of classical culture.

**Latin 4 Honors**

Course No.: 0706330

**Credit: 1\***

Prerequisite: Latin 3

The purpose of this course is to enable students to enhance their proficiency in the foundations of Latin vocabulary and grammar and to expand their knowledge of classical culture.

**AP Latin**

Course No.: 0706375

**Credit: 1\*\***

Prerequisite: Meet Honors Criteria and strong Latin foundation

The purpose of this course is to enable students to enhance their proficiency in the foundations of Latin vocabulary and grammar and to expand their knowledge of classical culture. Students will follow a rigorous curriculum in order to pass the AP Exam at the end of the year. **Students taking this course will take the AP exam in May. There may be a summer assignment for this course.**

**American Sign Language 1**

Course No.: 0717300

Credit: 1

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

**American Sign Language 2**

Course No.: 0717310

Credit: 1

Prerequisite: American Sign Language 1

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