MESSAGE FROM THE PRINCIPAL

Dear Parents & Students:

With goals to prepare our students for intellectual and career growth in mind, this curriculum guide presents essential information in mapping out your child’s high school education. The courses offered will allow each student an avenue to focus their goals and set a successful path. Our goal will be to provide the support to assist each individual in fulfilling their requirements for graduation and beyond.

Parents should pay particular attention to the course offerings and their levels in constructing student schedules. Each student should develop an educational plan for their high school experience.

Finally, please take advantage of the various opportunities afforded you. We will develop tracks for students to reach their potential whether it be academic or workforce oriented, develop an academic program which meets your interests and strengthens your potential upon graduation.

INTRODUCTION

This Curriculum Guide contains the course offerings, graduation requirements and other pertinent information necessary in building your high school portfolio.

Course selections should be considered and selected carefully. Your choice of courses will reflect the opportunities you have available upon graduation. You are encouraged to utilize school staff in developing your schedule.

Students will be given the proper registration information and have access to the curriculum guide. Parents are asked to monitor the selection process and especially all graduation requirements. Once class selections are made students will be expected to follow their selections.

Students should note the time frame for their classes. Once the schedule has been established

CHANGES WILL NOT BE PERMITTED except for the following reasons:
1. student lacks a graduation requirement.
2. student lacks a pre-requisite
3. teacher recommended level change.
These changes will be made during the first two weeks of each semester ONLY.

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3. teacher recommended level change.
These changes will be made during the first two weeks of each semester ONLY.
For students entering 9th grade in 2011-2012:
- Grade 10 FCAT Reading: Level 3 score required**
- Pass Algebra 1 and earn a Level 3 score on the EOC***
- Pass Geometry and take an EOC, which will be worth 30% of the student’s course grade
- Pass Biology and take an EOC, which will be worth 30% of the student’s course grade
- Pass at least one online high school course

For students entering 9th grade in 2012-2013:
- Grade 10 FCAT Reading: Level 3 score required**
- Pass Algebra 1 and earn a Level 3 score on the EOC***
- Pass Algebra 2
- Pass Geometry and earn a Level 3 score on the EOC***
- Pass Biology and earn a Level 3 score on the EOC***
- Pass at least one online high school course

For students entering 9th grade in 2013-2014:
- Grade 10 FCAT Reading: Level 3 score required**
- Pass Algebra 1 and earn a Level 3 score on the EOC***
- Pass Algebra 2
- Pass Geometry and earn a Level 3 score on the EOC***
- Pass Biology and earn a Level 3 score on the EOC***
- Pass Chemistry or Physics
- Pass another science course that is equally rigorous to chemistry or physics
- Pass at least one online course

*According to the Florida Department of Education, end-of-course (EOC) assessments will be very different from the FCAT. Student will participate in these assessments on the computer at the conclusion of the specific high school courses. EOC requirements may be waived for some exceptional student education (ESE) students.

**A Level 3 score does not necessarily remain the same from year to year. The score required to earn a Level 3 on the 10th grade FCAT Reading test will be announced each year by the Florida Department of Education.

***These EOCs are currently being developed by the state, and will be field tested in upcoming years. The
minimum Level 3 score on these tests will be established and announced at a later date by the Florida Department of Education.

**Special Diploma Requirements**

1. The student must:
   - Have an IEP which states he/she is working toward a special diploma
   - Demonstrate mastery of the **Sunshine State Standards for Special Diploma**
   - Earn 24 credits in courses meeting the special diploma requirements
   - Earn a grade point average (GPA) of 2.0 on a 4.0 scale

**Special Diploma Option 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>2</td>
</tr>
<tr>
<td>Reading</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>2</td>
</tr>
<tr>
<td>Social Studies</td>
<td>2</td>
</tr>
<tr>
<td>Career Prep</td>
<td>1</td>
</tr>
<tr>
<td>Life Management</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>10</td>
</tr>
</tbody>
</table>

2. The student must:
   - Have completed 1 semester of a high school program
   - Be 16 years of age
   - Have an IEP which states he/she is working toward a special diploma
   - Demonstrate mastery of employment and community competencies as specified on the student’s graduation plan
   - Maintain paid-employment for at least the equivalency of one semester
   - Prior to employment, have successfully completed a high school career preparatory course or have demonstrated mastery of pre-employment competencies

**TESTING PROGRAMS**

The following list represents standardized tests available and administered through our Guidance Department

**Florida Writes**
Florida Writes is the statewide assessment which tests students’ writing achievement in both the expository and persuasive categories. The test is administered to 10th grade students.

**MATH AND READING FCAT**
The FCAT is the statewide test which assesses the performance of Florida’s students and schools on the Sunshine State Standards, which are Florida’s curriculum guidelines. The test is administered to 10th grade students. FCAT Science is administered to 11th grade students.

**PERT**
For selected juniors and seniors to demonstrate college readiness. Those not scoring in the proficient range, will be placed in a College Readiness English and/or Math class.

**EOC**
End of Course Exams are now mandatory for all Alg 1, Geometry and Biology students. U/S. History will be mandatory starting in 2013-2014. Students must demonstrate mastery in order to earn credit for the class.

**PSAT/NMSQT**
Preliminary scholastic Assessment Test (PSAT) is a test administered to all 10th grade students. It is open to 11th grade students. PSAT scores in 11th grade will be used for guidance purposes.

**PROMOTION REQUIREMENTS**

Grade classification at the high school level is determined by the number of credits. The following promotion requirements are used to determine grade classification:

Classification from 9th to 10th Grade
At least 5 credits

Classification from 10th to 11th Grade
At least 11 credits or fulfillment of the graduation requirement on FCAT reading and mathematics

Classification from 11th to 12th Grade
At least 17 credits
grade determine eligibility for consideration in the National Merit Scholarship Program. Information may be obtained through the Guidance Department.

**Scholastic Assessment Test (SAT)**
The SAT college-screening tool made up of three separate timed critical reading, mathematical, and writing sections. Completion with satisfactory scores is required for college entry. Fees and registration information may be obtained on Collegeboard.com or through the Guidance Office.

**American College Testing (ACT)**
The ACT is a four-part assessment used primarily for college screening. Fees and registration information may be obtained on ACTstudent.org. Completion with satisfactory scores is required for college entry.

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**ADDITIONAL EDUCATIONAL OPTIONS**

**ACADEMY PROGRAMS**

**ACADEMY OF CULINARY ARTS**- Courses in the culinary field will range from Culinary Arts and Commercial Foods I thru V. Students will not only be trained through classroom experience but also be exposed to on-the-job training.

**ACADEMY OF INFORMATION TECHNOLOGY AND INTERNET MARKETING** - Courses available are PC Support, Web Design, Accounting, and Business Management. On-the-job training will also be a credit earning option through this program.

**ACADEMY OF DRAFTING AND DESIGN** - This program will offer courses in Drafting and Communications Technology.

**ACADEMY OF MEDICAL SCIENCES** – Courses available are Allied Health Assisting, EKG, First Responder, Medical Lab. Assisting & Pharmacy Tech. Clinical experiences will be offered.

* All academy programs require an application process.

**Adult Education**
A maximum of one credit can be earned each calendar year. Students must obtain permission from the guidance counselor to register for a course.

**Advanced Placement Program**
The Advanced Placement Program administered by the College Board provides qualified students the opportunity to take college level courses on the high school campus. These courses will culminate with a three-hour standardized examination. Fees are paid by Palm Beach County Schools provided the student is enrolled in the course. Students who demonstrate the required level of proficiency on the examination are eligible for college credit in that particular subject area. Eligible students are identified based on PSAT/SAT scores, GPA, teacher recommendation and readiness to participate in post-secondary academic work. Students and parents will be required to sign a contract to the effect that it is a year long commitment and the student will not be allowed to drop the course.

**Dual Enrollment**
Students may enroll in the Dual Enrollment Program, which provides an opportunity for students to earn high school and college credit simultaneously. A grade of “C” or better must be earned in order for the credit to be transferred to college. Program enrollment is based upon the student having a 3.0 GPA in their high school courses and written permission from the Principal. Students enrolled in this program must maintain a 3.0 GPA in their high school course work and must earn a “C” or better in their college level work to remain in the Dual Enrollment program.

**Exceptional Student Education (ESE)**
ESE students seeking a standard high school diploma follow standard course of study. Required courses may be offered through content equivalent ESE classes, support facilitated classes and/or consultation with ESE staff.

ESE students seeking a special diploma Option 1 or Option 2 follow the requirements as outlined previously and may take a combination of ESE and Regular classes with a modified curriculum.
FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM

The Florida Academic Scholars Award

3.5 Minimum unrounded, weighted GPA on a 4.0 scale in the 16 credits identified by the Florida Board of Regents as college preparatory courses. The GPA is calculated after the seventh semester; AND

Achieve Test Score – see chart:

<table>
<thead>
<tr>
<th>High School Graduation Year</th>
<th>SAT</th>
<th>ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td>1270</td>
<td>28</td>
</tr>
<tr>
<td>2012-2013</td>
<td>1280</td>
<td>28</td>
</tr>
<tr>
<td>2013-2014 and thereafter</td>
<td>1290</td>
<td>29</td>
</tr>
</tbody>
</table>

AND

100 hours of Community Service

The Florida Medallion Scholars Award

3.0 minimum, unrounded, weighted GPA on a 4.0 scale in the 16 credits identified by the Florida Board of Regents as college preparatory courses. AND

Achieve Test Score – see chart:

<table>
<thead>
<tr>
<th>High School Graduation Year</th>
<th>SAT</th>
<th>ACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-2012</td>
<td>980</td>
<td>21</td>
</tr>
<tr>
<td>2012-2013</td>
<td>1020</td>
<td>22</td>
</tr>
<tr>
<td>2013-2014 and thereafter</td>
<td>1170</td>
<td>26</td>
</tr>
</tbody>
</table>

AND

75 hours of Community Service

The Florida Gold Seal Vocational Scholars Award

Has completed the secondary school portion of a sequential program of studies that requires at least three secondary school vocational credits (excluding on-the-job-training) taken over at least two academic years, and is continuing in a planned, related post-secondary education program; AND

has passed the College Placement Test or its equivalent (SAT/ACT) AND

has earned a weighted GPA of at least 3.0 on a 4.0 scale in the subjects required for graduation, excluding electives (does not require college prep); AND

has earned a 3.5 GPA in required vocational courses; 30 hours of Community Service, AND

has earned a vocational-ready diploma.

*Seniors must complete the Florida Financial Aid Application for all Florida Scholarships including the Bright Futures.

COMPUTER USE POLICY

Computers are provided for student use in various classrooms and in the media center. All use of the school computers should be for the purpose of school business only. Any student who chooses to utilize the technology available must do so in a responsible and ethical manner. Students must abide by all school board policies including written parent permission for internet use. Any violation of copyright laws or school board policies will result in consequences to the user.

MEDIA CENTER

The goal of the media staff is to provide a facility which enhances student learning. The materials available to students and staff will reflect the school curriculum. The Media Center will be open daily from 7:00 am to 3:30 p.m.. All students are welcomed to use the library before and after school but a pass is required during school hours.

STATE UNIVERSITY ENTRANCE REQUIREMENTS

STANDARD ADMISSION FOR SUMMER 2011 ADMITS AND LATER (students not meeting this standard may be considered for admission under profile assessment).

3.0 high school grade point average (GPA) or higher on a 4.0 scale (as recalculated by the university), plus SAT or ACT score AND

2.5-2.99 high school GPA or higher on a 4.0 scale (as recalculated by the university), plus at least the minimum scores in all three of sections of either the SAT Reasoning Test or ACT as outlined below:

SAT-Critical Reading >=460 or ACT - Reading >= 19 SAT-Mathematics >=460 or ACT Mathematics >=19 and SAT Writing >= 440 or ACT - English/Writing >= 18
Each university has requirements in addition to those stated; **satisfying minimum requirements does not insure acceptance.**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4</td>
<td>Three of which must have included substantial writing requirements.</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>4</td>
<td>At the level of Algebra I and above.</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>3</td>
<td>Two of which have included substantial laboratory.</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3</td>
<td>Includes: History, American Government, Economics, Sociology, Psychology, and Geography</td>
</tr>
<tr>
<td><strong>Foreign Language</strong></td>
<td>2</td>
<td>Both credits must be sequential and in the same language.</td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**APPROVED ELECTIVE COURSES**

POLICY: Freshman applicants to the State University System must have two additional high school credits as electives.

Students and counselors are advised to **consider carefully** the importance of academic elective coursework. Completion of the required 18 credits for SUS admission **guarantees** acceptance only in the case of Talented 20 students. Therefore, the stronger an applicant’s preparation (including electives), the better are chances of admission in general and to the university of choice specifically.

**SCHOLARSHIP AND HONORS INFORMATION**

A variety of scholarships are available locally, nationally, and through the office of Financial Assistance at the Florida State Department of Education. See your Guidance Counselor for specific details.

An Academic Honors Diploma is awarded to students who satisfy specific criteria. Students should consult with their Guidance Counselor for specific details.

**ACADEMIC POLICIES**

**Attendance**

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

**Forgiveness Policy**

A student may repeat any course in which he received an original grade of “D” or “F”. Credit may be earned only once. For students entering high school during the 2000-2001 school year and thereafter, a course is forgiven if a student receives a grade of **C or higher** on the repeat effort of that same course.

**Student Placement**

Students are placed in the required academic courses according to teacher recommendations, grades from pre-requisite courses and standings on standardized tests. Students may not choose or change the level unless there is improper academic placement.

**Schedule Requests**

All requests for schedule changes must be completed before the 10th day of the semester and only for one of the following reasons:

- Missing a prerequisite or required course.
- Previously passed the course.

All requests for schedule changes **require** parental approval.
Transfer of Credit
1. All evidence of work or credits earned at another school, college, or university offered for acceptance shall be based on an official transcript.
2. Work or credits from non-accredited schools must be validated as provided by Board Policies.
3. All transferring students must pass the Florida Comprehensive Assessment Test (FCAT).

COURSE REQUESTS AND SCHEDULING
In the spring, students will submit their course requests. All requests must have the necessary teacher recommendations and parental approval.

All student schedules will be made available in August prior to the opening day of school.

It is important for students and parents to understand that the course requests made in the spring will be the basis of the student’s schedule for the entire 2011-2012 school year. Once schedules are established, changes will be very difficult to accommodate.

CLUBS AND ORGANIZATIONS
Academic, Service, and Interest Organizations will be offered to reflect the interests of the student body. Organizations will include but not be limited to the following: National Honor Society, Student Government Association, Student Council, The Ambassadors Club, and Key Club.

ATHLETICS
A full program of men’s and women’s athletics will be available. Students participating in athletics will be required to maintain a 2.0 GPA for eligibility.

STUDENT TEXTBOOKS
Florida State Statute 233.47 identifies and explains the responsibility of pupils, parents and guardian for instructional materials. Payment for lost or damaged instructional materials is the responsibility of the parent or guardian.

1. Students will be assessed a fee equivalent to 75% of the full purchase price of a textbook that is lost, damaged, or destroyed.
2. Students are responsible for 100% of cost of any textbook which is in the first year of use by the School District.
3. If textbooks are available at the school and the parent of student desires to purchase a textbook, they will be assessed 100% of the textbook cost, regardless of the condition.
4. Payment for lost textbooks is the responsibility of parents or guardians. Students owing for lost textbooks will not receive additional textbooks.

LEGEND FOR TYPES OF CREDIT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>Required Credit</td>
</tr>
<tr>
<td>E</td>
<td>Elective Credit</td>
</tr>
<tr>
<td>PF</td>
<td>Satisfies requirements for performing/fine arts</td>
</tr>
<tr>
<td>REM</td>
<td>Remedial Credit</td>
</tr>
<tr>
<td>V</td>
<td>Vocational Credit</td>
</tr>
<tr>
<td>C</td>
<td>Satisfies state university system &quot;academic core&quot; admission requirements</td>
</tr>
</tbody>
</table>
*Two years of a Foreign Language are required to enter the Florida State University System.

**ART**

**TITLE:** ART/2D COMPREHENSIVE I  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E, PF  
**PREREQUISITE:** None - entry level  
**DESCRIPTION:** The content includes opportunities to develop a basic understanding of the artistic expression of ideas through two-dimensional media. The content includes, but is not limited to, the development of awareness of environment; exploration of ideas involving the individual’s intellectual, emotional, social, and perceptual growth; production of varied and novel ideas; the rearrangement of ideas and the uses and functions of objects; and the development of aesthetic merit.

**TITLE:** CERAMICS/POTTERY I  
**LEVEL** Regular  
**GRADE** 10-12  
**CREDIT** 1  
**TYPE** E, PF  
**PREREQUISITE:** Art/3D sculpture or teacher recommendation  
**DESCRIPTION:** The content includes a basic understanding of ceramic processes. The content includes, but is not limited to, the composition and treatment of clay products: qualities of art in different forms and styles of clay products; the recognitions of properties, limitations and possibilities of clay construction through hand-building techniques; use of clay bodies, glazes, tools and techniques in producing clay products; investigation of decorating techniques; development of skills with ceramic tools; examination of qualities of finished products made by professionals, study of vocabulary relating to ceramics and pottery; and defense of aesthetic judgments about works of art produced in clay.

**TITLE:** CERAMICS/POTTERY II  
**LEVEL** Regular  
**GRADE** 10-12  
**CREDIT** 1  
**TYPE** E, PF  
**PREREQUISITE:** Ceramics/Pottery I or demonstrated proficiency and/or art teacher recommendation  
**DESCRIPTION:** The content includes, but is not limited to, the investigation of the ceramic process; the relationship among the art elements and compositional principles; knowledge of the function of ceramics/pottery in our society; knowledge about the history of ceramics/pottery and its relationship to other processes and periods; the criteria for making judgments about the aesthetic merits of ceramic art; and the practice of successful forming techniques.

**TITLE:** CERAMICS/POTTERY III  
**LEVEL** Regular  
**GRADE** 12  
**CREDIT** 1  
**TYPE** E, PF  
**PREREQUISITE:** Ceramics/Pottery II or demonstrated proficiency and/or art teacher recommendation.  
**DESCRIPTION:** The content includes, but is not limited to, the production of functional and decorative design; perception and response to the qualities of ceramic/pottery art; the value of ceramics; pottery as an important realm of human experience; the history of ceramics/pottery and its relationship to other processes and periods; the criterion for making judgments about the aesthetic merits of ceramic art; formation of larger, more complex pottery; efficient skill development in methods and techniques; preparation of clay bodies and formulation of glaze, study of kilns and comprehension of firing techniques; and ceramics as a career possibility.
TITLE: A.P. ART STUDIO/DRAWING
LEVEL  GRADE  CREDIT  TYPE
Adv. Placement  11-12  1  E, PF
PREREQUISITE: Demonstrated proficiency and A.P. art teacher recommendation
CO-REQUISITE: Review of student art portfolio.
DESCRIPTION: The content includes advanced level understandings of quality, concentration and breadth of art in drawing. The content to be covered follows the prescribed course of study outlined in the Advanced Placement Course Description. Students are expected to be self-motivated and dedicated to producing 12 art works in their concentration area and 12 works showing a variety of art experiences by the end of the year.

TITLE: PORTFOLIO I
LEVEL  GRADE  CREDIT  TYPE
Regular  10-12  1
PREREQUISITE: Demonstrated proficiency and art teacher recommendation.
DESCRIPTION: The purpose of this course is to enable each student to develop a portfolio containing an artist’s statement and a diverse range of one’s own works of art.

TITLE: PORTFOLIO II
LEVEL  GRADE  CREDIT  TYPE
Regular  1
PREREQUISITE: Demonstrated proficiency and art teacher recommendation.
DESCRIPTION: The purpose of this course is to provide an advanced understanding of the aesthetic and creative factors of visual forms through instruction in two and three dimensional art forms.

TITLE: PORTFOLIO III
LEVEL  GRADE  CREDIT  TYPE
HONORS  11-12  1
PREREQUISITE: None.
DESCRIPTION: The purpose of this course is to study and produce a variety of sophisticated, original, and creative two and three dimensional works of art.

TITLE: A.P. ART 2-D PORTFOLIO
LEVEL  GRADE  CREDIT  TYPE
A.P.  11-12  1  E, PF
PREREQUISITE: Demonstrated proficiency and art teacher recommendation.
DESCRIPTION: The content includes advanced level understandings of quality, concentration, and breadth of art. The content to be covered follows the prescribed course of study outlined in the Advanced Placement Course Description - Art, The College Board, Educational Testing service (order the current publication), Box 2815, Princeton, NJ 08541.

TITLE: A.P. ART 3-D PORTFOLIO
LEVEL  GRADE  CREDIT  TYPE
A.P.  11-12  1  E, PF
PREREQUISITE: Demonstrated proficiency and art teacher recommendation.
DESCRIPTION: The content includes advanced level understanding of quality, concentration and breadth of art in 3-D media. The content to be covered follows the prescribed course of study outlined in the Advanced Placement Course Description.

BUSINESS TECHNOLOGY EDUCATION

TITLE: INTRO TO INFO TECH
LEVEL  GRADE  CREDIT  TYPE
R  9 – 12  1  E, PF,V
PREREQUISITE: None.
DESCRIPTION: This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basics and foundations required for today’s business environments. Emphasis is placed on developing proficiency with touch keyboarding and fundamental computer applications, so that they may be used as communications tools for enhancing personal and work place proficiency in an information-based society. This also includes proficiency with computers using data bases, spreadsheets, presentations applications, and the integration of these programs using software that meets industry standards.
TITLE: INTRODUCTION TO E-COMMERCE
LEVEL   GRADE  CREDIT  TYPE
        R 9 – 12  1  E,PF,V
PREREQUISITE: Completion of Introduction of Information of Technology or Computing For College and Careers
DESCRIPTION: This course is designed to provide an introduction to Electronic Commerce (E-Commerce). This course covers topics such as history and evolution of e-commerce; e-commerce business models; impact of e-commerce in the world economy; security and tax issues in e-commerce; and e-commerce web site design, development and maintenance.

TITLE: INTRODUCTION TO HOSPITALITY & TOURISM
LEVEL   GRADE  CREDIT  TYPE
        R 9 – 12  1  E,PF,V
PREREQUISITE: NONE
DESCRIPTION: This course introduces students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

TITLE: COMMUNICATIONS TECHNOLOGY 1
LEVEL   GRADE  CREDIT  TYPE
       Regular 9-12 1  E,PF,V
PREREQUISITE: NONE
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in the communications industries. Students will have an opportunity to demonstrate skills in areas such as screen-printing, plate making, printing reproduction, electronic communication, and desktop publishing.

TITLE: DRIVER EDUCATION TRAFFIC/SAFETY - CLASSROOM
LEVEL   GRADE  CREDIT  TYPE
       Regular 9-12 ½  E
SPECIAL NOTE: Behind the wheel instruction is included in this Course. To meet the requirements of the DUI law, the Drug Alcohol and Traffic Education (DATE) requirements are taught during the first three (3) weeks of the course for students who, for the first time, are applying for a Florida Driver’s License. In addition, the Florida restricted driver’s license written exam is administered.
PREREQUISITE: None
DESCRIPTION: This course introduces students to the highway transportation system and the strategies which will develop basic driving knowledge related to our mechanized society and provide an in-depth study of the scope and nature of accident problems and their solutions. Content includes, but is not limited to, instruction, within a classroom environment, in vehicle control and traffic procedures, defensive strategies for driving, natural laws and their application to driving, energy-efficient and safe, enjoyable vehicle ownership, physical and mental factors, legal and moral obligations, knowledge of motorcycle operations, trip planning to include map studies and a comprehensive study of the effects of alcohol and other drugs on driving performance.

TITLE: LEARNING STRATEGIES
LEVEL   GRADE  CREDIT  TYPE
       Regular 9-12 1  E
PREREQUISITE: None
DESCRIPTION: The purpose of this course is to provide instruction that enables students to acquire and use strategies and skills to enhance their independence as learners in educational and community settings.
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<tr>
<th>TITLE: FRENCH I</th>
<th>LEVEL</th>
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<td>SPECIAL NOTE:</td>
<td>This course is not intended for the native speaker. Research and experience dictate the recommendation of a minimum &quot;C&quot; average in academics as an indicator of success for this course.</td>
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<td>PREREQUISITE:</td>
<td>None</td>
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<td>DESCRIPTION:</td>
<td>This course introduces students to the target language and its culture and develops communicative skills and cross-cultural understanding. The content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is included as well as the fundamentals of grammar and culture.</td>
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<tr>
<th>TITLE: FRENCH II</th>
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<td>SPECIAL NOTE:</td>
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<tr>
<td>PREREQUISITE:</td>
<td>Successful completion of French I or demonstrated proficiency, and teacher recommendation</td>
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<td>DESCRIPTION:</td>
<td>This course reinforces the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. The content includes, but is not limited to, an expansion of the listening and oral skills previously acquired. Reading and writing will receive emphasis, while oral communication remains the primary objective. This course continues the cultural survey of French-speaking people.</td>
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<tr>
<th>TITLE: FRENCH III</th>
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<td>PREREQUISITE:</td>
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<td>DESCRIPTION:</td>
<td>This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, developing communication skills through the presentation of oral reports on literary and cultural topics, current events, and personal experiences. Reading selections include newspaper and magazine articles, adaptations of short stories and plays, and a survey of French literature. Writing will be enhanced through compositions using correct language structures.</td>
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<tr>
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<td>DESCRIPTION:</td>
<td>This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There will be additional growth in vocabulary for practical purposes including writing. Reading selections are varied.</td>
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<tr>
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<td>This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is included as well as the fundamentals of grammar and culture.</td>
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</table>
TITLE: SPANISH II
LEVEL       GRADE       CREDIT       TYPE
Regular  9-12        1                 E
SPECIAL NOTE: This course is not intended for the native speaker.
PREREQUISITE: Successful completion of Spanish I or demonstrated proficiency, and teacher recommendation
DESCRIPTION: This course reinforces the fundamental skills previously acquired by the students. This course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. The content includes, but is not limited to, an expansion of the listening and oral skills previously acquired. Reading and writing will receive emphasis, while oral communication remains the primary objective. This course continues the cultural survey of Spanish-speaking people.

TITLE: SPANISH III
LEVEL       GRADE       CREDIT       TYPE
Honors  9-12        1                 E
PREREQUISITE: Successful completion of Spanish II or demonstrated proficiency, and teacher recommendation
DESCRIPTION: This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, an expansion of vocabulary and conversational skills through discussions based on selected readings. Students’ acquisitions of grammatical concepts are strengthened by analyzing reading selections. Contemporary vocabulary stresses activities which are important to the everyday life of Spanish-speaking people. This course is not intended for the Native Speaker.

TITLE: SPANISH IV
LEVEL       GRADE       CREDIT       TYPE
Honors  10-12        1                 E
PREREQUISITE: Successful completion of Spanish III or demonstrated proficiency, and teacher recommendation
DESCRIPTION: This course expands upon the skills previously acquired by the students. The content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There will be additional growth in vocabulary for practical purposes including writing. Reading selections are varied. This course is not intended for the Native Speaker.

TITLE: A.P. SPANISH LANGUAGE
LEVEL         GRADE       CREDIT       TYPE
Adv. Placement 9-12        1                 E
SPECIAL NOTE: Students are required to take the Standardized Advanced Placement examination upon completion of the course.
PREREQUISITE: Demonstrated proficiency and teacher recommendation, completion of Spanish IV or Spanish for Native Speakers II
DESCRIPTION: This college level course develops oral and written fluency in the language. The content includes, but is not limited to, that determined by the advanced placement program guidelines of the College Board. This course is equivalent of a semester 5th/6th semester college level class.

TITLE: AP SPANISH LITERATURE
LEVEL       GRADE       CREDIT       TYPE
AP  11-12        1                 E
SPECIAL NOTE: Students are required to take the Standardized Advanced Placement examination upon completion of the course.
PREREQUISITE: Demonstrated proficiency, teacher recommendation and completion of the A.P. Spanish Language Course.
DESCRIPTION: This college level course develops oral and written fluency in the language. The content should include, but not limited to, the content specified by the Advanced Placement Program. Spanish and Hispanic American Literature in all genres will be read. Its form and content will be analyzed critically, both orally and in writing.

TITLE: SPANISH FOR SPANISH SPEAKERS 1
LEVEL       GRADE       CREDIT       TYPE
Regular  9          1                 E, AS
SPECIAL NOTE: Limited to students with native language ability orally.
PREREQUISITE: None
DESCRIPTION: The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language with emphasis on writing and grammatical structures.
TITLE: SPANISH FOR SPANISH SPEAKERS 11
LEVEL  GRADE  CREDIT  TYPE
Regular  10-12  1  E, AS
SPECIAL NOTE: Limited to students with native language ability orally.
PREREQUISITE: Completion of Native Speakers 1
DESCRIPTION: The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language with emphasis on writing and grammatical structures.

TITLE: SPANISH FOR SPANISH SPEAKERS 111
LEVEL  GRADE  CREDIT  TYPE
Regular  10-12  1  E, AS
SPECIAL NOTE: Limited to students with native language ability orally.
PREREQUISITE: Completion of Native Speakers 11
DESCRIPTION: The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their home language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content will reflect the cultural values of Spanish language and societies. The course will enable students to gain a better understanding of the nature of their own language with emphasis on writing and grammatical structures.

TITLE: INTENSIVE READING
LEVEL  GRADE  CREDIT  TYPE
Basic  9-12  1  E
PREREQUISITE: Mandatory for FCAT level 1 or 2 students.
DESCRIPTION: This dynamic course assists students with reading deficits learn to read and comprehend, evaluate and think critically while improving vocabulary and fluency skills. Concurrently students develop a love of reading.

TITLE: ENGLISH I
LEVEL  GRADE  CREDIT  TYPE
Regular  9  1  R, C
PREREQUISITE: None
DESCRIPTION: English I provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. It offers instruction in reading and vocabulary necessary for comprehension of printed materials; research; the writing of effective paragraphs and multi-paragraph papers, with emphasis on all stages of the writing process in prepared or timed form (pre-writing, drafting, revising, editing and publishing); speech instruction including formal and informal presentations; evaluation of mass media; the analysis of genres and the study of language in conjunction with writing, concentrating on conventions of grammar, usage, and mechanics. Technology is incorporated into all aspects of the course. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject matter.

TITLE: ENGLISH HONORS I
LEVEL  GRADE  CREDIT  TYPE
Honors  9  1  R, C
PREREQUISITE: Teacher Recommendation
DESCRIPTION: English Honors I promotes academic excellence in English language arts through enriched experiences in reading, writing, observing, speaking, listening, researching, and viewing. This course provides instruction in critical analysis of major literary genres. Composition instruction focuses upon using the writing process in creative, technical, and traditional academic modes. All phases of the writing process (timed or prepared) are addressed; pre-writing, drafting, revising, editing, and publishing. Formal speaking experiences are provided. Technology is incorporated into all aspects of the course. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject matter.
### Title: English II

**Level** | **Grade** | **Credit** | **Type**
---|---|---|---
Regular | 10 | 1 | R, C

**Prerequisite:** Successful completion of English I and/or teacher recommendation

**Description:** English II provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Content includes instruction in reading literature and vocabulary necessary to comprehend printed materials; the writing of essays for various purposes and audiences, using literary and non-literary subjects; prepared and timed writings, utilizing all elements of the writing process where appropriate (pre-writing, drafting, revising, editing and publishing), emphasis on applicable research, viewing, listening, observing, and speaking skills; analysis of selections found in world literature; study of grammar, mechanics, usage and other conventions of standard written English in conjunction with writing; study of mass media, including analysis of propaganda and persuasion techniques; and instruction in speech, including analysis of effective techniques in oral presentations. Technology is incorporated into all aspects of the course. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject.

### Title: English Honors II

**Level** | **Grade** | **Credit** | **Type**
---|---|---|---
Honors | 10 | 1 | R, C

**Prerequisite:** Successful completion of English I and teacher recommendation

**Description:** English Honors II promotes academic excellence in English language arts through the study of world literature and enriched experiences in composition, speech, research, viewing, observing, and listening skills. This course provides instruction in universal themes found in world literature, as well as in the critical analysis of various genres in that literature. Composition instruction emphasizes the creative, technical, and traditional academic modes of writing through the writing process (pre-writing, drafting, revising, editing, and publishing). Frequent timed and prepared practice is provided. The study of language includes usage, mechanics, and other conventions of standard written English as opportunities are provided. Vocabulary study is done in conjunction with reading and literature. Technology is incorporated into all aspects of the course. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject.

### Title: AICE General Paper

**Level** | **Grade** | **Credit** | **Type**
---|---|---|---
AICE | 10 | 1 | R, C

**Special Note:** Students are required to take the AICE examination upon completion of the course.

**Prerequisite:** Successful completion of English I and teacher recommendation. PSAT Verbal – Top 50%, FCAT Reading 4 or 5. FCAT Writing 5 or 6

**Description:** The Cambridge International AS Level General Paper encourages learners to develop a maturity of critical thought and argument, and mastery of expression in the English language. These are all skills of great use for university level study. The syllabus draws on topics from across the school curriculum, and learners are able to draw upon knowledge and understanding gained from study of other subjects.

### Title: English III

**Level** | **Grade** | **Credit** | **Type**
---|---|---|---
Regular | 11 | 1 | R, C

**Prerequisite:** Successful completion of English 11 and/or teacher recommendation

**Description:** English III provides instruction in the Language Arts strands of reading, writing, speaking, listening, viewing, language, and literature. Composition instruction includes frequent practice in writing various types of multi-paragraph papers, including documented papers/projects. Referencing and summarizing skills will be stressed as well as all phases of the writing process (pre-writing, drafting, revising, editing and publishing). The course will include the analysis of representative examples of American literary works in various genres, as they illustrate distinctive national qualities and the ethnic and cultural diversity of the American experience. Vocabulary, grammar, and usage are studied in conjunction with literature and writing. Listening, speaking, viewing, observing, researching, and writing assignments are related to the study of American literature when appropriate. Technology is incorporated into all aspects of the course. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject.
TITLE: ENGLISH HONORS III
LEVEL        GRADE      CREDIT     TYPE
Honors       11              1                R, C
PREREQUISITE: Successful completion of English 11 and/or teacher recommendation
DESCRIPTION: English Honors III promotes excellence in English language arts through the enriched experiences in reading, writing, speaking, viewing, observing, and listening. Instruction includes frequent practice in writing various types of multi-paragraph essays, including documented papers; written and oral analysis of American literature representing the ethnic and cultural diversity of the American experience; and analysis of American dialects reflected in the literature. Reference skills and methods of summarizing are taught in the production of documented papers/projects. All phases of the writing process are utilized where appropriate (pre-writing, drafting, revising, editing, and publishing). Formal and informal speech experiences are provided. Technology is incorporated into all aspects of the course. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject matter.

TITLE: AICE ENGLISH LANGUAGE
LEVEL        GRADE      CREDIT     TYPE
AICE         11              1                R,C
SPECIAL NOTE: Students are required to take the AICE examination upon completion of the course.
PREREQUISITE: Successful completion of English II and teacher recommendation
DESCRIPTION: Cambridge International AS Level English is designed for learners who can already communicate effectively in English as it may be their first or second language. The Cambridge International AS Level English syllabus enables learners to achieve greater fluency, accuracy and confidence in the language as it is spoken and written, and improved their communication skills. They will learn how to improve their use of English in a variety of how to extract information, initiate conversations and respond to questions both orally and in writing.

TITLE: ADVANCED PLACEMENT ENGLISH: LANGUAGE & COMPOSITION
LEVEL        GRADE      CREDIT     TYPE
Adv. Placement 11              1                R, C
SPECIAL NOTE: Students are required to take the Standardized Advanced Placement examination upon completion of the course.
PREREQUISITE: Successful completion of English II, PSAT top 50%, FCAT reading score of 4/5, FCAT writing score of 5/6, Teacher recommendation
DESCRIPTION: This course provides students with an understanding of the semantic, structural, and rhetorical resources of the English language, as they relate to the principles of effective writing. This course is also designed to provide students with a variety of writing opportunities calling for the use of different styles and tones. Written assignments totaling at least 12,000 words shall be a component for successful completion of this. Content includes, but is not limited to, that determined by the Advanced Placement Program.

TITLE: ENGLISH IV
LEVEL        GRADE      CREDIT     TYPE
Regular       12              1                R, C
PREREQUISITE: Successful completion of English III and/or teacher recommendation
DESCRIPTION: English IV provides instruction in the critical analysis of representative examples from British literature, as they reflect changes in the language and the development of the literary traditions of the English language. Writing experiences are structured to provide practice in real-life writing situations likely to be encountered beyond secondary school, including technical, creative, and traditional modes. Opportunity is provided to extend speaking, viewing, observing, researching, and listening skills. Content includes instruction in vocabulary and reading necessary for comprehension of printed materials. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject matter.

TITLE: ENGLISH HONORS IV
LEVEL        GRADE      CREDIT     TYPE
Honors       12              1                R, C
PREREQUISITE: Successful completion of English III and teacher recommendation
DESCRIPTION: English Honors IV promotes excellence in English language arts through the
enriched experiences in communication skills and instruction in the literature of Great Britain. Instruction will cover the written and oral analysis of major British literary works of various genres, in relationship to cultural influences and to the development of the literary traditions of the English language. Writing assignments will develop students’ abilities to interpret literature and analyze it critically. All phases of the writing process will be utilized where appropriate (pre-writing, drafting, revising, editing, and publishing). Students will also extend their speaking, research, viewing, listening, and observing skills. Language study should include vocabulary in the context of literature and an overview of the history of the language as reflected in literature. This course shall integrate the Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate to the content and processes of the subject matter.

TITLE: ADVANCED PLACEMENT ENGLISH: LITERATURE AND COMPOSITION
LEVEL GRADING CR E Type
Adv. Placement 12 1 R, C
SPECIAL NOTE: Students are required to take the Standardized Advanced Placement examination upon completion of the course.
PREREQUISITE: Successful completion of English III, PSAT top 50%, FCAT reading score of 4/5, FCAT writing score of 5/6, Teacher recommendation
DESCRIPTION: This course involves students in the study and practice of writing and in the study of literature. Students will learn to use the modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and an understanding of the writer’s craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. The content includes, but is not limited to, that determined by the Advanced Placement Program.

TITLE: JOURNALISM I
LEVEL GRADING CR E Type
Regular 9-12 1 E, PF
PREREQUISITE: None
DESCRIPTION: This course provides practical experience in newsgathering techniques and practice in journalistic writing, as well as opportunities to explore careers in journalism. The content includes, but is not limited to, history and ethics of journalism, writing processes, production skills for varied media, analysis of journalistic media, and applications and issues in photojournalism.

TITLE: JOURNALISM II
LEVEL GRADING CR E Type
Regular 9-12 1 E, PF
PREREQUISITE: Successful completion of Journalism I and teacher recommendation
DESCRIPTION: This course provides practical experience in newsgathering techniques and practice in journalistic writing, as well as opportunities to explore careers in journalism. The content includes, but is not limited, to training necessary for successful newsgathering for journalistic media. Students will receive frequent practice in gathering information and in writing news, sports, feature articles, and editorials. Through various media, students will explore career opportunities in journalistic fields. Practice in the preparation of materials for publication in journalistic media occurs within a workshop setting.

TITLE: JOURNALISM III-V
LEVEL GRADING CR E Type
Honors 9-12 1 E
PREREQUISITE: Journalism II and teacher recommendation
DESCRIPTION: This course provides intermediate instruction in writing and production skills related to various journalistic media. The content includes, but is not limited to instruction and practice in applying all aspects of the writing process, including prewriting, drafting, editing, and proofreading, to written work prepared to journalistic standards. Organization and management techniques relating to journalistic productions are stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalistic products provide practice in the development of these skills.

TITLE: JOURNALISM VII
LEVEL GRADING CR E Type
Honors 9-12 1 E
PREREQUISITE: Journalism III and teacher recommendation
DESCRIPTION: This course provides advanced instruction in journalistic writing and production techniques. The content includes, but is not limited to, instruction in writing, designing, and managing
journalistic enterprises. Emphasis in the course is placed on implementing students' creative skills and talents in writing, graphic design and/or photography, and in providing regular practice in management skills and production techniques in printed journalistic media. The course provides opportunities to develop proficiency in various forms of journalistic writing, through the production of one or more student journalistic projects.

**TITLE:** DIGITAL VIDEO PRODUCTION II  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E  
**PREREQUISITE:** Teacher recommendation  
**DESCRIPTION:** Digital Video Production is a course that teaches students the technical skills required to film, edit, and produce videos. Through this class, students will learn how to use editing programs such as Final Cut Pro and DVD Studio Pro in order to edit their videos professionally. Each student is required to participate in the production of the Morning Announcements show and will also be required to provide their time after school for filming school events. Students must be interested in technology and have a knack for speaking in from of the camera.

**TITLE:** DIGITAL VIDEO PRODUCTION III  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E  
**PREREQUISITE:** DVP II and teacher recommendation  
**DESCRIPTION:** Digital Video Production is a course that teaches students the technical skills required to film, edit, and produce videos. Through this class, students will learn how to use editing programs such as Final Cut Pro and DVD Studio Pro in order to edit their videos professionally. Each student is required to participate in the production of the Morning Announcements show and will also be required to provide their time after school for filming school events. Students must be interested in technology and have a knack for speaking in from of the camera.

**TITLE:** DIGITAL VIDEO PRODUCTION IV  
**LEVEL** Honors  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E  
**PREREQUISITE:** DVP III and teacher recommendation  
**DESCRIPTION:** Digital Video Production is a course that teaches students the technical skills required to film, edit, and produce videos. Through this class, students will learn how to use editing programs such as Final Cut Pro and DVD Studio Pro in order to edit their videos professionally. Each student is required to participate in the production of the Morning Announcements show and will also be required to provide their time after school for filming school events. Students must be interested in technology and have a knack for speaking in from of the camera.

**MATHEMATICS**

**TITLE:** INTENSIVE MATHEMATICS  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** Multiple  
**TYPE** E  
**SPECIAL NOTE:** Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student-centered; all courses will have increased emphasis on problem-solving, estimation, and real-world applications; evaluation will include alternative methods of assessment; and all strands addressed in the Sunshine State Standards are developed across the PreK-12 curriculum.  
**PREREQUISITE:** 1. FCAT 10th Grade. Failed FACT level 1 or level 2, 2. Alg 1 level 1  
**DESCRIPTION:** The purpose of this course is to provide remedial instruction and practice in mathematics skills and concepts. The content should include, but not be limited to, the following: mathematics content identified by diagnosis of each student's needs for remedial instruction specified in the academic improvement plan; and test-taking skills and strategies for mathematics. This course shall integrate Goal 3 Student Performance Standards of the Florida System of School Improvement and Accountability as appropriate for the content and processes of the subject matter.

**TITLE:** CONSUMER MATHEMATICS  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E  
**SPECIAL NOTE:** appropriate documentation of completion of needs assessment via student’s Progress Monitoring Plan is necessary in order for credit in this course to be used as one of the three mathematics credits required for graduation  
**PREREQUISITE:** Teacher recommendation – 2 credit in Math – level 1 or level 2
**DESCRIPTION:** The purpose of this course is to enable students to develop knowledge and skills in problem solving, communication, reasoning, and connections as related to consumer services and personal financial management. The content should include, but not be limited to, the following: purchase and sales of goods and services; the cost of credit; banking services; investments; job-related mathematics; personal income and taxes; retirement; insurance; budgeting; and housing rental and ownership. This course shall integrate Goal 3 Student Performance Standards of the Florida system of School Improvement and Accountability as appropriate for the content and processes of the subject matter.

**TITLE:** ADV ALG WITH FINANCIAL APPS.
**LEVEL** Core
**GRADE** 10-12
**CREDIT** 1
**TYPE** E
**SPECIAL NOTE:** State Board Approved

**PREREQUISITE:** Geometry

**DESCRIPTION:** This class will include but not be limited to using organizational strategies and tools (e.g., technology, spreadsheet, outline, chart, table, graph, Venn Diagram, web, story map, plot pyramid) to develop a personal organizational style and interpret a graph. The student will work with real life financial applications including car loans, retirement accounts, mortgages with different types, simple and compound interest. Compare the advantages and disadvantages of using a credit card and debit.

**TITLE:** ALGEBRA I
**LEVEL** Regular
**GRADE** 9-12
**CREDIT** 1
**TYPE** C, E

**SPECIAL NOTE:** Basic assumptions regarding mathematics education. all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.

**SPECIAL NOTE:** This course does not satisfy one of the three mathematics credits required for college entrance.

**PREREQUISITE:** Demonstrated ability with teacher recommendation – at least 1 semester of Alg. 1

**DESCRIPTION:** The purpose of this course is to emphasize the use of basic geometric skills as tools in solving real-world problems. No formal proofs are required. The content should include, but not be limited to the following: properties of two and three dimensional figures; segments and angles; congruence; similarity; perimeter, area, and volume; Pythagorean theorem; and constructions.

**TITLE:** ALGEBRA II
**LEVEL** Regular
**GRADE** 9-12
**CREDIT** 1
**TYPE** C, E

**SPECIAL NOTE:** Basic assumptions regarding mathematics education. all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.

**SPECIAL NOTE:** Earning credit in this course precludes the earning of credit in Algebra II Honors.

**PREREQUISITE:** Successful completion of Algebra I or its equivalent with teacher recommendation.

**DESCRIPTION:** The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The content should include, but not be limited to the following: variables; structure and properties of the real number system; first-degree equations and inequalities; relations and functions; graphs; systems of linear equations and inequalities; integral exponents; polynomials; factoring; rational algebraic expressions; irrational numbers; radical expressions; and quadratic equations.
irrational expressions; equations and inequalities; systems of equations and inequalities; polynomial functions; rational exponents; logarithmic and exponential functions; permutations, combinations, and probability; arithmetic and geometric sequences and series; and conic sections.

TITLE: ALGEBRA II HONORS
LEVEL        GRADE      CREDIT       TYPE
Honors       9-12        1            C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
SPECIAL NOTE: Earning credit in this course precludes the earning of credit in Algebra II.
PREREQUISITE: Successful completion of Algebra I or its equivalent with teacher recommendation. (Geometry Honors)
DESCRIPTION: The purpose of this course is to continue to rigorous and in-depth study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields. The content should include, but not be limited to the following: structure and properties of the complex number system; equations and inequalities; systems of equations and inequalities; functions, relations, and graphs; polynomial functions; real number exponents; logarithmic and exponential functions; rational and irrational expressions; conic sections; arithmetic and geometric sequences and series; permutations, combinations and probability; and matrices.

TITLE: ADVANCED PLACEMENT STATISTICS
LEVEL        GRADE      CREDIT       TYPE
Adv. Placement 9-12        1            C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Alg 2 (H) or equivalent, Teacher recommendations
DESCRIPTION: The purpose of this course is to emphasize the study of functions and other skills necessary for the study of calculus. The content should include, but not be limited to the following: polynomial, rational, exponential, inverse, logarithmic, and circular functions; sequences and series; concept of limits; vectors; conic sections; polar coordinate systems; symbolic logic; mathematical algebra, induction; and matrix.

TITLE: PRE-CALCULUS
LEVEL        GRADE      CREDIT       TYPE
Honors       9-12        1            C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Teacher recommendation
DESCRIPTION: The purpose of this course is to provide a foundation for the study of advanced mathematics. The content should include, but not be limited to the following: elementary functions; limits and continuity; derivatives; differentiation; applications of the derivative; anti-derivatives; definite integral; and applications of the integral.

TITLE: CALCULUS
LEVEL        GRADE      CREDIT       TYPE
Honors       9-12        1            C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Teacher recommendation
DESCRIPTION: The purpose of this course is to provide a foundation for the study of advanced mathematics. The content should include, but not be limited to the following: elementary functions; limits and continuity; derivatives; differentiation; applications of the derivative; anti-derivatives; definite integral; and applications of the integral.
TITLE: A.P. CALCULUS BC
LEVEL GRADE CREDIT TYPE
Adv. Placement 9-12 1 C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Completion of Calculus AB with teacher recommendation.
DESCRIPTION: The purpose of this course is to study algebraic and transcendental functions and the general theory and techniques of calculus. The content should include, but not be limited to the following: the content specified by the Advanced Placement Program.

TITLE: A.P. CALCULUS AB
LEVEL GRADE CREDIT TYPE
Adv. Placement 9-12 1 C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Completion of Trigonometry and Analytic Geometry and/or completion of Mathematical Analysis and/or completion of Pre-Calculus with teacher recommendation.
DESCRIPTION: The purpose of this course is to study algebraic and transcendental functions and the general theory and techniques of calculus. The content should include, but not be limited to the following: the content specified by the Advanced Placement Program.

TITLE: GEOMETRY
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
SPECIAL NOTE: Earning credit in this course precludes the earning of credit in Geometry Honors.

TITLE: GEOMETRY HONORS
LEVEL GRADE CREDIT TYPE
Honors 9-12 1 C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
SPECIAL NOTE: Earning credit in this course precludes the earning of credit in Geometry.
PREREQUISITE: Successful completion of Algebra I Honors or its equivalent with teacher recommendation.

PREREQUISITE: Successful completion of Algebra I or its equivalent with teacher recommendation.
DESCRIPTION: The purpose of this course is to develop the geometric relationships and deductive strategies, which can be used to solve a variety of real world and mathematical problems. The content should include, but not be limited to the following: logic, deductive arguments, undefined terms; similarity; congruence; parallelism and perpendicularity; segments and angles; two and three-dimensional figures; perimeter, area, and volume; constructions; coordinate geometry and transformations.

TITLE: LIBERAL ARTS MATHEMATICS
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.

TITLE: GEOMETRY HONORS
LEVEL GRADE CREDIT TYPE
Honors 9-12 1 C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
SPECIAL NOTE: Earning credit in this course precludes the earning of credit in Geometry.
PREREQUISITE: Successful completion of Algebra I Honors or its equivalent with teacher recommendation.
DESCRIPTION: The purpose of this course is to provide a rigorous, in-depth study of geometric relationships and deductive strategies which can be used to solve a variety of real world and mathematical problems. The content should include, but not be limited to the following: logic, deductive arguments and proofs; segments and angles; two- and three-dimensional figures; perpendicularity and parallelism; similarity; congruence; constructions; perimeter, area, and volume; topology; coordinate and transformational geometry; non-Euclidean geometries; and locus.

TITLE: ANALYTIC GEOMETRY
LEVEL GRADE CREDIT TYPE
Honors 9-12 ½ C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
DESCRIPTION: The purpose of this course is to demonstrate the relationship between algebra, geometry, and trigonometry and use this relationship in preparation for calculus. The content should include, but not be limited to the following: linear equations; graphs and curve sketching; vectors; conic sections, including transformations of axes; equations and graphs in polar form; and parametric equations.

TITLE: ADVANCED TOPICS IN MATH
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Geometry and Algebra II with teacher recommendation
DESCRIPTION: The purpose of this course is to strengthen the mathematical skills of college-bound students in preparation for advanced mathematics. The content should include, but not be limited to the following: complex numbers; equations; systems of equations and inequalities; polynomials; matrices; conic sections; rational exponents; logarithmic and exponential functions; similarity and congruence; trigonometry of the right triangle; solution of right triangles; solution of oblique triangles; trigonometric identities; and descriptive statistics.

TITLE: TRIGONOMETRY
LEVEL GRADE CREDIT TYPE
Honors 9-12 ½ C, E
SPECIAL NOTE: Basic assumptions regarding mathematics education: all students will have access to calculators and computers; classroom activities will be student centered; all courses will have increased emphasis on estimation; and evaluation will include alternative methods of assessment.
PREREQUISITE: Successful completion of Geometry and Algebra II with teacher recommendation.
DESCRIPTION: The purpose of this course is to study circular and trigonometric functions and their applications. The content should include, but not be limited to the following: circular and trigonometric functions and inverses; trigonometric identities; graphs of trigonometric functions and their inverses; trigonometric equations; solutions of right and oblique triangles; and trigonometric form of complex numbers.

TITLE: AICE MATH
LEVEL GRADE CREDIT TYPE
AICE 9-12 1 C, E
PREREQUISITE: Successful completion of Algebra II Honors and Geometry Honors with teachers Recommendation
DESCRIPTION: The purpose of the course is to emphasize the study of functions and other skills necessary for the study of calculus. The content should include, but not be limited to the following: polynomial, rational, exponential, inverse, logarithmic and circular functions: sequences and series: vectors: polar coordinate system: symbolic logic: mathematical induction: trigonometry: differentiation and integration.
PERFORMING ARTS

SPECIAL NOTE: Performing Arts courses are performance-oriented courses and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected. Private lessons encouraged.

TITLE: THEATRE I
LEVEL       GRADE       CREDIT     TYPE
Regular    9-12          1          PF, E
PREREQUISITE: Teacher recommendation
DESCRIPTION: This course provides in-depth experiences in the study and practice of theatre arts and literature. The content includes, but is not limited to, an overview of the history of the theatre and literature of the theatre. Students are introduced to the fundamentals of theatre production, which include scenery construction, costuming, lighting, and make-up. Students will be introduced to the fundamentals of acting.

TITLE: THEATRE II
LEVEL       GRADE       CREDIT     TYPE
Regular    9-12          1          PF, E
PREREQUISITE: Drama I (“C” average) and teacher recommendation
DESCRIPTION: This course provides development of intermediate skills useful to the study and practice of the theatre arts. The content includes, but is not limited to, instruction in reading and interpretation of dramatic literature. Other instructional emphases include techniques and mechanics of acting: set, costume, and lighting design, as well as other features of stagecraft; character analysis and portrayal; interpretive and analytical study of plays; and production of plays and other dramatic presentations.

SPECIAL NOTE: THEATRE III & IV COURSES ARE PERFORMANCE ORIENTED COURSES AND WILL REQUIRE EXTRA REHEARSALS AND PERFORMANCES. PRACTICE OUTSIDE OF CLASS IS EXPECTED.

TITLE: THEATRE III
LEVEL       GRADE       CREDIT     TYPE
Honors     9-12          1          PF
PREREQUISITE: Drama II and/or teacher recommendation
DESCRIPTION: This course provides opportunities for drama students to continue study in acting and production techniques. The content includes, but is not limited to instruction in specific acting techniques used in various kinds of dramatic presentations. Emphasis is given to the study of acting theories, as well as practice and theory in set design, make-up, and lighting.

TITLE: THEATRE IV
LEVEL       GRADE       CREDIT     TYPE
Honors     9-12          1          PF
PREREQUISITE: Drama III and/or teacher recommendation
DESCRIPTION: This course provides study of various aspects of dramatic and theatrical art. The content includes, but is not limited to study and practical application in costume, scenery, lighting, and sound design; make-up techniques; advanced acting techniques; and theatrical management. Students may specialize by researching information about and participating in selected areas of theatre, including play writing, direction, stage design and management, choreography, and advanced acting. Acting emphasis is placed upon the development of unique performing styles and solo ensemble.

TITLE: MUSICAL THEATER II
LEVEL       GRADE       CREDIT     TYPE
Regular    10-12         1          E, PF
SPECIAL NOTE: This is a performance oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.
PREREQUISITE: Audition Only
DESCRIPTION: This course studies the development of the Musical Theater. The content includes, but is not limited to, the study of the history of the Musical Theater. Special emphasis is placed on the actual production and performance of a musical.

TITLE: ACTING I
LEVEL       GRADE       CREDIT     TYPE
Regular    9-12          1          E, PF
DESCRIPTION: This course introduces students to the study and practice of acting. The content includes but is no limited to the following: techniques of acting, terminology, movement, vocal production, and characterization.
TITLE: BAND II
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected. Private lessons encouraged.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course extends experiences on band instruments. The content includes, but is not limited to, extending skill development in characteristic tone production, band performance techniques, musical literacy and music appreciation.

TITLE: BAND III
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected. Private lessons encouraged.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course provides students with instruction in the development of musicianship and technical skills through study of varied band literature. The content includes, but is not limited to, interpreting medium level band music; establishing appropriate tone production and performance techniques; identifying simple musical form and varied style periods; formulating aesthetic awareness.

TITLE: BAND IV
LEVEL GRADE CREDIT TYPE
Honors 9-12 1 E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected. Private lessons encouraged.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course provides students with instruction in the application of musicianship and technical skills through the study of varied band literature. The content includes, but is not limited to, interpreting medium level band music; refining tone production and performance techniques; understanding of musical form, style and aesthetic perceptions.

TITLE: BAND V
LEVEL GRADE CREDIT TYPE
Honors 9-12 1 E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected. Private lessons encouraged.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course develops independence in musicianship, performance techniques and aesthetic awareness through the rehearsal and performance of varied band literature. Special emphasis is placed on public performance. The content includes, but is not limited to, interpreting difficult music; developing independent musicianship, tone production and performance techniques; analyzing form, style and history included in the performance preparation of varied band literature; formulating of critical listening skills and aesthetic values.

TITLE: BAND VI
LEVEL GRADE CREDIT TYPE
Honors 9-12 1 E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected. Private lessons encouraged.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course fosters internalization of independence in musicianship, performance techniques and aesthetic awareness through the rehearsal and performance of varied band literature. Special emphasis is placed on public performance. The content includes, but is not limited to, interpreting difficult music; refining of independent musicianship, tone production and performance techniques; analyzing and applying form, style and history included in the performance preparation of varied band literature; developing critical listening skills.
**TITLE: GUITAR**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Regular | 9-12 | 1 | PF

**DESCRIPTION:**
This course teaches students the basic concepts of playing the guitar, with a strong emphasis on note reading, rhythm, meter reading, and notation. Students may use their own acoustic guitar (preferable with nylon strings), or rent one from the school.

**TITLE: INSTRUMENTAL TECHNIQUES I**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Regular | 9-12 | ½ | E, PF

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

**PREREQUISITE:** Demonstrated proficiency and Director Approval, percussion class

**DESCRIPTION:** This course provides instrumental instruction in a class situation. The content includes, but is not limited to, instruction in performance techniques peculiar to given instruments with emphasis on technical and musical fundamentals.

**TITLE: INSTRUMENTAL TECHNIQUES II**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Regular | 9-12 | ½ | E, PF

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

**PREREQUISITE:** Demonstrated proficiency and Director Approval, percussion class

**DESCRIPTION:** This course provides instrumental instruction in a class situation. The content includes, but is not limited to, instruction in performance techniques peculiar to given instruments with emphasis placed on technical and musical fundamentals and listening skills.

**TITLE: INSTRUMENTAL TECHNIQUES III**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Regular | 9-12 | 1 | E, PF

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

**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation

**DESCRIPTION:** This course provides instrumental instruction for solo performance in a class situation. The content includes, but is not limited to, instruction in intermediate level performance techniques peculiar to given instruments with emphasis placed on demonstrating technical and musical fundamentals in solo performance; development of critical listening skills and aesthetic awareness.

**TITLE: INSTRUMENTAL ENSEMBLES IV**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Regular | 9-12 | 1 | E, PF

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

**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation

**DESCRIPTION:** This course provides highly motivated students with opportunities for leadership and creativity in the interpretation and performance of small, specific instrumental instrumentations through the study of highly varied literature. The content includes, but is not limited to, independent interpretation of highly varied music. It provides for development of musical leadership skills necessary to conduct a small ensemble performance and the formulation of musical values.

**TITLE: JAZZ ENSEMBLE I**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Honors | 9-12 | 1 | E, PF

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

**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation

**DESCRIPTION:** This course provides students with an introduction to styles and idiomatic performance techniques of representative contemporary popular music and jazz literature. The content includes, but is not limited to, enabling students to interpret beginning levels of varying styles of jazz literature. Emphasis is placed on characteristic tone production and idiomatic performance techniques.

**TITLE: JAZZ ENSEMBLE II**
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**
--- | --- | --- | ---
Honors | 9-12 | 1 | E, PF

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

**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation

**DESCRIPTION:** This course develops and extends an understanding of styles and idiomatic performance techniques of representative
contemporary popular music and jazz literature. The content includes, but is not limited to, the rehearsal and performance of diverse popular and idiomatic jazz literature. Basic improvisation, tone production, and individual and ensemble performance techniques are also emphasized.

TITLE: JAZZ ENSEMBLE III
LEVEL         GRADE       CREDIT      TYPE
Honors        9-12            1              E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course develops the ability to apply the knowledge of styles and techniques of varied contemporary popular and jazz literature. The content includes, but is not limited to, the study and performance of varied medium level popular and jazz idiomatic literature. Improvisation, characteristic tone, individual and ensemble performance techniques, and an appreciation of the history of jazz in the United States are emphasized and applied.

TITLE: JAZZ ENSEMBLE IV
LEVEL         GRADE       CREDIT      TYPE
Honors        9-12            1              E, PF
SPECIAL NOTE: This is a performance-oriented course and may require extra rehearsals and performances as announced by the teacher. Practice outside of class is expected.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course develops independence in knowledge of styles and performance techniques of varied contemporary popular and jazz literature. The content includes, but is not limited to, the study and performance of varied difficult diverse popular and idiomatic literature. Independence in improvisation, interpretation and performance is emphasized.

TITLE: CHORUS II
LEVEL         GRADE       CREDIT      TYPE
Regular       9-12            1              E, PF
SPECIAL NOTE: Designed for 9th grade girls. This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course provides students with experiences in basic vocal production techniques and part-singing. The content includes, but is not limited to, enabling students to develop basic fundamental skills in vocal tone production, choral performance techniques, musical literacy and music appreciation.

TITLE: CHORUS III
LEVEL         GRADE       CREDIT      TYPE
Regular       9-12            1              E, PF
SPECIAL NOTE: Designed for 9th grade boys and 1st year 10-12 girls.

TITLE: CHORUS IV
LEVEL         GRADE       CREDIT      TYPE
Regular       9-12            1              E, PF
NOTE: This is a mixed chorus for 9-12 boys and 10-12 girls.
SPECIAL NOTE: This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course provides students with instruction in the application of vocal musicianship and technical skills through the study of varied choral literature. The content includes, but is not limited to, independent interpretation of easy-medium easy (E-ME) level choral music; refinement of tone production and performance techniques; analysis of musical form, varied style periods, aesthetic perceptions.

TITLE: CHORUS V
LEVEL         GRADE       CREDIT      TYPE
Honors        9-12            1              E, PF
SPECIAL NOTE: This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.
PREREQUISITE: Demonstrated proficiency and/or teacher recommendation
DESCRIPTION: This course develops independence in musicianship, performance techniques and aesthetic awareness through the rehearsal and performance of varied choral literature. Special emphasis is placed on
performance. The content includes, but is not limited to, interpretation of difficult choral music (MD-D), development of independent musicianship, tone production and performance techniques; the analysis of form, style and history included in the performance of varied choral literature; formulation of critical listening skills and aesthetic values.

**TITLE:** CHORUS VI  
**LEVEL** GRADE CREDIT TYPE  
Honors 9-12 1 E, PF  
**SPECIAL NOTE:** This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.  
**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation.  
**DESCRIPTION:** This course fosters independence in vocal musicianship, performance techniques, and aesthetic awareness through the rehearsal and performance of varied choral literature. The content includes, but is not limited to, independent interpretation of difficult choral music (MD-D); refinement of independent musicianship, tone production and performance techniques; the analysis and application of form, style and history included in the performance of varied choral literature; internalization of aesthetic values and critical listening skills.

**TITLE:** CHORUS - HIGH/LOW RANGE II  
**LEVEL** GRADE CREDIT TYPE  
Regular 9-12 1 E, PF  
**PREREQUISITE:** Demonstrated proficiency and teacher recommendation.  
**SPECIAL NOTE:** Designed for 10-12 grade girls. This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.  
**DESCRIPTION:** This course provides students an opportunity to apply proper vocal technique, sign idiomatic high/low range literature, and develop choral musicianship and aesthetic awareness. The content includes, but is not limited to, instruction for students with an interest in developing vocal skills necessary for singing music written specifically for treble bass voices. It includes varied literature offerings typical of the high/low range chorus through which form, style and music history are taught; it develops aesthetic awareness.

**TITLE:** VOCALENSEMBLE II  
**LEVEL** GRADE CREDIT TYPE  
Honors 9-12 1 E, PF  
**SPECIAL NOTE:** This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.  
**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation.  
**DESCRIPTION:** This course applies varied performance techniques in small vocal ensembles.
through the study of widely varied, appropriate choral literature. The content includes, but is not limited to, application of appropriate vocal balance, blend and stylistic interpretation. It provides for demonstration of musical independence necessary for small ensemble performance and may include instrumental accompaniment and choreography.

**TITLE:** VOCAL ENSEMBLE III  
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---  
Honors | 9-12 | 1 | E, PF  
**SPECIAL NOTE:** This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.  
**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation  
**DESCRIPTION:** This course refines creativity and performance techniques in small vocal ensembles through the study of widely varied, appropriate choral literature. The content includes, but is not limited to, refinement in balance, blend and varied stylistic interpretation. It provides for development of musical independence necessary for small ensemble performance and may include instrumental accompaniment and choreography.

**TITLE:** VOCAL ENSEMBLE IV  
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---  
Honors | 9-12 | 1 | E, PF  
**SPECIAL NOTE:** This is a performance-oriented course and will require extra rehearsals and performances beyond the school day as announced by the teacher.  
**PREREQUISITE:** Demonstrated proficiency and/or teacher recommendation  
**DESCRIPTION:** This course provides highly motivated students with opportunities for leadership, creativity performance in small vocal ensembles through the study of appropriate highly varied literature. The content includes, but is not limited to, fostering independent application of vocal balance, blend and stylistic interpretation. It provides for development of musical independence necessary for small ensemble performance and may include instrumental accompaniment and choreography.

**PHYSICAL EDUCATION**

**TITLE:** BEGINNING/INTERMEDIATE WEIGHT TRAINING  
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---  
Regular | 9-12 | 1 | E  
**SPECIAL NOTE:** This is not an interscholastic extracurricular activity.  
**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students with opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today and in later life, improve muscular strength and endurance, and enhance body image. Content includes, but is not limited to, knowledge of safety practices, assessment of health-related fitness, the importance of muscular strength and endurance, assessment of muscular strength and endurance, health problems associated with inadequate levels of muscular strength and endurance, and knowledge of skeletal muscles. The application of biomechanical and physiological principles to improve and maintain strength and endurance, sound nutritional practices related to weight training, and consumer issues. This course is combined with beginning to further improve muscular strength and endurance, and further enhance body image. Content includes, but is not limited to, knowledge of safety practices, assessment of health related fitness, reinforcement of basic weight training concepts, expansion of weight training programs by incorporating new exercises, increasing resistance, and modifying the number of sets and repetitions, knowledge of various weight training theories, equipment available in the field to develop muscular strength and endurance, and designing, implementing, and evaluating a personal weight training program.

**TITLE:** ADVANCED WEIGHT TRAINING/COMP  
**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---  
Regular | 9-12 | 1 | E  
**SPECIAL NOTE:** This is not an interscholastic extracurricular activity.  
**PREREQUISITE:** Successful completion of Beg/Intermediate Weight Training, or demonstrated proficiency and teacher recommendation.  
**DESCRIPTION:** This course provides students with opportunities to further extend the knowledge and development of skills in weight training that may be used in physical fitness pursuits today, as well as in later life, further improve muscular strength and
endurance, and further enhance body image. Content includes, but is not limited to, knowledge of safety practices, assessment of health-related fitness, reinforcement of weight training concepts, designing, implementing, and evaluating a personal weight training program to meet specific needs and goals, consumer issues and knowledge of the organization and administration of weight lifting activities. Implementation of personal weight training programs and realization of personal goals should be stressed.

**TITLE: BASKETBALL**
**LEVEL GRADE CREDIT TYPE**
Regular 9-12 ½ E
SPECIAL NOTE: This is not an interscholastic extracurricular activity.
PREREQUISITE: Successful Completion of the required 1 credit for Physical Education or demonstrated proficiency and teacher recommendation.
DESCRIPTION: This course provides students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life, and maintain and/or improve their health-related fitness. Content includes, but is not limited to, knowledge of safety practices, assessment of health related fitness, in-depth knowledge and application of skills, techniques, strategies, and rules necessary to participate in basketball, and the organization and administration of basketball activities. Strategies of team play, skill acquisition, assessment of basic skills, consumer issues, and the maintenance and/or improvement of health-related fitness should be stressed.

**TITLE: TEAM SPORTS I**
**LEVEL GRADE CREDIT TYPE**
Regular 9-12 ½ E
SPECIAL NOTE: Schools will select the specific activities for this course from the district approved list. Activities selected in this course may not be repeated in Team Sports II.
PREREQUISITE: None
DESCRIPTION: This course provides students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their health related fitness. Content includes, but is not limited to, knowledge of safety practices, assessment of health related fitness, application of skills, techniques, strategies, and rules necessary to participate in selected team sports. Team sports selected may include, but not be limited to, basketball, floor hockey, gatorball, softball, team handball, and ultimate Frisbee. Strategies of team sports play, skill acquisition, assessment of basic skills, consumer issues, and the maintenance and/or improvement of health related fitness should be stressed.

**TITLE: INDIVIDUAL AND DUAL SPORTS I**
**LEVEL GRADE CREDIT TYPE**
Regular 9-12 ½ E
SPECIAL NOTE: Activities selected in this course may not be repeated in Individual and Dual Sports III. All students must wear safety goggles when participating in hardball, paddleball or racquetball activities.
PREREQUISITE: None
DESCRIPTION: This course provides students with opportunities to acquire knowledge of strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their health related fitness. Content includes, but is not limited to, knowledge of safety practices, assessment of health related fitness, application of skills, techniques, strategies, and rules necessary to participate in selected individual and dual sports. Individual and dual sports selected may include, but not be limited to flag football, field hockey, flickerball, soccer, speedball, track and field, and volleyball. Strategies of team sports play, skill acquisition, assessment of basic skills, consumer issues, and the maintenance and/or improvement of health related fitness should be stressed.
include, but are not limited to, archery, badminton, bowling, golf, gymnastics, handball, paddleball, racquetball, roller-skating, swimming, table tennis, tennis, and wrestling. Strategies of individual and dual sports play, skill acquisition, consumer issues, and the maintenance and/or improvement of health-related fitness should be stressed.

TITLE: INDIVIDUAL AND DUAL SPORTS II
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 E
SPECIAL NOTE: Activities selected in this course may not be repeated in Individual and Dual Sports I. All students must wear safety goggles when participating in hardball, paddleball or racquetball activities.
PREREQUISITE: None
DESCRIPTION: This course provides students with opportunities to acquire knowledge of strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their health-related fitness. Content includes, but is not limited to, knowledge of safety practices, assessment of health related fitness, application of skills, techniques, strategies, and rules necessary to participate in selected team sports. Team sports selected may include, but not be limited to flag football, field hockey, flickerball, soccer, speedball, track and field, and volleyball. Strategies of team sports play, skill acquisition, assessment of basic skills, consumer issues, and the maintenance and/or improvement of health related fitness shall be stressed.

TITLE: INDIVIDUAL AND DUAL SPORTS III
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 E
SPECIAL NOTE: Activities selected in this course may not be repeated in Individual and Dual Sports I.
PREREQUISITE: None
DESCRIPTION: This course provides students with opportunities to acquire knowledge of strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their health-related fitness. Content includes, but is not limited to, techniques, strategies, and rules necessary to participate in selected individual and dual sports. Individual and dual sports selected may include, but are not limited to, bowling, golf, rollerskating, and swimming. Strategies of individual and dual sports play, consumer issues, skill acquisition and the course maintenance and/or improvement of health-related fitness shall be stressed.

TITLE: EARTH SPACE SCIENCE I
LEVEL GRADE CREDIT TYPE
Regular 9-12 1 C
SPECIAL NOTE: This is a laboratory-oriented course.
PREREQUISITE: Teacher recommendation
DESCRIPTION: Laboratory investigations which include the use of scientific inquiry, research, measurements problem solving, laboratory apparatus an technologies, experimental procedures, and safety procedures are an integral part of this course. Processes important in understanding Earth’s interior. Planetary segregation, heat flow, Earth’s magnetic field, earthquakes, continental drift, paleomagnetism, seafloor spreading, mantle plumes, and crustal deformation are investigated in light of the unifying theory of plate tectonics. Physical and chemical properties of minerals and the genesis of igneous, sedimentary and metamorphic rocks, and their relationship to the rock and tectonic cycles. Geological processes involved in the creation of a variety of landform systems and sedimentary deposits. Weathering, mass wasting, transport, deposition, depositional maps, cross-sections, and aerial photographs. Plate tectonic theory, volcanism, and rock and mineral forming processes are integrated. A first look at various aspects of meteorology, including solar radiation, global circulation,
environmental issues, winds, stability, precipitation processes, weather systems and severe weather. Basic physical principles, meteorological terminology, societal impacts, and weather analysis will be explored.

**TITLE: EARTH SPACE SCIENCE HONORS**
**LEVEL**  
Honors 9-12

**SPECIAL NOTE:** This is a laboratory-oriented course.

**DESCRIPTION:** 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.

Processes important in understanding Earth’s interior. Planetary segregation, heat flow, Earth’s magnetic field, earthquakes, continental drift, paleomagnetism, seafloor spreading, mantle plumes and crustal deformation are investigated in light of the unifying theory of plate tectonics. Physical and chemical properties of minerals and the genesis of igneous, sedimentary and metamorphic rocks, and their relationship to the rock and tectonic cycles. Geological processes involved in the creation of a variety of landform systems and sedimentary deposits. Weathering, mass wasting, transport, deposition, depositional environments, sediment lithification, analysis and interpretation of topographic maps, cross-sections, and aerial photographs. Plate tectonic theory, volcanism, and rock and mineral forming processes are integrated. A first look at various aspects of meteorology, including solar radiation, global circulation, environmental issues, winds, stability, precipitation processes, weather systems and severe weather. Basic physical principles, meteorological terminology, societal impacts, and weather analysis will be explored. The study of Astronomy including the exploration of the solar system, the relationship between the Earth, Moon, & Sun. The Big Bang theory and the life cycle of the stars.

**TITLE: BIOLOGY I**
**LEVEL**  
Regular 9-12

**SPECIAL NOTE:** This is a laboratory-oriented course. This course satisfies the Biology requirement for graduation. Completion of a credit in this course precludes the earning of credit in Biology I Honors.

**PREREQUISITE:** Teacher recommendation

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

**TITLE: ADVANCED PLACEMENT BIOLOGY**
**LEVEL**  
Adv. Placement 9-12

**SPECIAL NOTE:** This is a laboratory-oriented course. This course satisfies the Biology requirement for graduation. Completion of a credit in this course precludes the subsequent earning of credit in Fundamentals of Biology, Biology 1, or Biology I Honors. 

**PREREQUISITE:** B in H Biology, demonstrated ability, and/or teacher recommendation

**CO-REQUISITE:** Honors Chemistry

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

**TITLE: ANATOMY AND PHYSIOLOGY**

**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---
Regular | 9-12 | 1 | E, C  

**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Anatomy and Physiology Honors.  

**PREREQUISITE:** C in Biology and/or teacher recommendation.  

**Co-REQUISITE:** Chemistry  

**DESCRIPTION:** This course provides students with exploratory activities in the structures and functions of the components of the human body. The content includes, but is not limited to, anatomical terminology, cells and tissues, integumentary system, skeletal system, muscular system, nervous system, special sensory organs, endocrine system, circulatory system, respiratory system, digestive system, excretory (urinary) system, reproductive system, homeostasis, disease process, immune response, and inheritance: molecular, cellular, organismal, mutations, and genetic disorders. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures are an integral part of the course.

**TITLE: ANATOMY AND PHYSIOLOGY HONORS**

**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---
Honors | 9-12 | 1 | E, C  

**SPECIAL NOTE:** This is a laboratory-oriented course.  

**PREREQUISITE:** B in Biology and/or teacher recommendation.  

**CO-REQUISITE:** Chemistry  

**DESCRIPTION:** This course provides students with exploratory and advanced activities in the structures and functions of the components of the human body. The content includes, but is not limited to, anatomical terminology, cells and tissues, integumentary system, skeletal system, muscular system, nervous system, special sensory organs, endocrine system, circulatory system, respiratory system, digestive system, excretory (urinary) system, reproductive system, homeostasis, disease process, immune response, and inheritance: molecular, cellular, organismal, mutations, and genetic disorders. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures are an integral part of the course.

**TITLE: GENETICS HONORS**

**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---
Honors | 9-12 | 1 | E,R,C  

**SPECIAL NOTE:** Laboratory investigations, which include the use of scientific research, measurement, lab technologies, and safety procedures, are an integral part of this course.  

**PREREQUISITE:** B in Biology and teacher recommendation  

**DESCRIPTION:** This course investigates the nature of science and the genetic basis of reproduction and communication of cells, genetic principles, molecular basis of genetics, diversity, and biotechnology in the area of genetics. Biological selection, variations, adaptations and changes throughout time, levels of organization, classification, taxonomy, structure and function of various organisms used as genetic models.

**TITLE: MARINE SCIENCE I**

**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---
Regular | 9-12 | 1 | E, C  

**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Marine Biology Honors.  

**PREREQUISITE:** Integrated Science or Physical Science and Biology or teacher recommendation  

**DESCRIPTION:** This course provides students with an overview of the marine environment. Content includes, but is not limited to, the nature of science, the origin of the oceans, the chemical, physical, and geological aspects of the marine environment, ecology of various sea zones, marine communities, the diversity of marine organisms, characteristics of major marine ecosystems, characteristics of major marine phyla, and the interrelationship between man and the ocean. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus and safety procedures are an integral part of the course.

**TITLE: MARINE SCIENCE I - HONORS**

**LEVEL** | **GRADE** | **CREDIT** | **TYPE**  
---|---|---|---
Honors | 9-12 | 1 | E, C  

**SPECIAL NOTE:** This is a laboratory oriented course. Completion of a credit in this course precludes the earning of credit in Marine Biology.
PREREQUISITE: C in Biology and/or teacher recommendation.

CO-REQUISITE: CHEMISTRY

DESCRIPTION: This course facilities an ongoing, integrated study of all aspects of the marine environment, including physical, chemical, and biological processes. Content includes, but is not limited to, the nature of science, the origin of the oceans, the chemical, physical, and geological aspects of the marine environment, ecology of various sea zones, marine communities, the diversity of marine organisms, characteristics of major marine ecosystems, characteristics of major marine phyla, and the interrelationship between man and the ocean. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus and safety procedures, are an integral part of the course.

TITLE: MARINE SCIENCE AICE
LEVEL  GRADE  CREDIT  TYPE
Honors  9-12  1  E, C
PREREQUISITE: A/B in Honors Biology
COREQUISITE: Honors in Chemistry
DESCRIPTION: Cambridge International AS Marine Science provides a coherent and stimulating introduction to the science of the marine environment. The course concentrates on the scientific study of the sea and its ecosystems. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts as well as on the acquisition of knowledge, and the course encourages creative thinking and problem-solving skills which are transferable to any future career path. It is expected that practical activities will underpin the teaching of the whole course, and learners may be asked about practical activities in examination question. Cambridge International AS Marine Science can form part of an ideal subject combination for learners who want to study Marine Biology or Environmental Science at university or to follow a career in shipping, fisheries, tourism, or aquaculture.

TITLE: ENVIRONMENTAL SCIENCE
LEVEL  GRADE  CREDIT  TYPE
Regular  9-12  1  E, C
SPECIAL NOTE: This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Fundamentals of Environmental Science and/or Environmental Science Honors.

SPECIAL NOTE: This is a laboratory-oriented course

PREREQUISITE: Integrated Science or Physical Science and Biology, or teacher recommendation

DESCRIPTION: This course provides students with a study of man's interaction with the environment. Content includes, but is not limited to, forms of pollution, conservation, environmental planning and policy, public land usages, population dynamics, and major forms of energy. Laboratory investigations of selected topics in the content, which also include the use of the scientific method, measurement, laboratory apparatus and safety, are an integral part of the course.

TITLE: AP ENVIRONMENTAL SCIENCE
LEVEL  GRADE  CREDIT  TYPE
Adv. Placement  9-12  1  E, C
SPECIAL NOTE: This is a laboratory-oriented course. Completion of a credit in this course precludes the subsequent earning of credit in Environmental Science.

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

TITLE: ASTRONOMY SOLAR/GALACTIC HONORS
LEVEL  GRADE  CREDIT  TYPE
Honors  12  1  E, C
SPECIAL NOTE: This is a laboratory-oriented course

PREREQUISITE: Geometry, Honors Integrated Science, and teacher recommendation
DESCRIPTION: This course provides students with a study of the universe and the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, and the sun as a star, and the stars. Laboratory investigations, of
selected topics in the content, include the use of the scientific method, measurement, and laboratory equipment.

**TITLE: CHEMISTRY I**  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E, C  
**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Chemistry I Honors.  
**PREREQUISITE:** C in Algebra and teacher recommendation  
**DESCRIPTION:** This course provides students with the study of composition, properties and changes associated with matter. The content includes, but is not limited to, classification and structure of matter, atomic theory, the periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, physical changes, acids, bases, and salts and energy associated with physical and chemical changes. Laboratory investigations of selected topics in the content, which also include the use of the scientific method, measurement, laboratory apparatus and safety, are an integral part of the course.

**TITLE: CHEMISTRY I HONORS**  
**LEVEL** Honors  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E, C  
**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Chemistry 1.  
**PREREQUISITE:** C in Honors Biology, C in Algebra and Teacher Recommendation  
**DESCRIPTION:** This course provides students with a rigorous study of the composition, properties and changes associated with matter. The content includes, but is not limited to: heat, changes of matter, atomic structure, the periodic table, bonding, formulas and equations, the mole concept, gas laws, energy and order, reaction rates and equilibrium, solutions: acids, bases and salts, nuclear chemistry, electrochemistry, and organic chemistry. Laboratory investigations of selected topics in the content, which also include the use of the scientific method, measurement, laboratory apparatus and safety, are an integral part of the course.

**TITLE: ADVANCED PLACEMENT CHEMISTRY**  
**LEVEL** Adv Pl  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E, C  
**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the subsequent earning of credit in Chemistry 1 and/or Chemistry 1 Honors.  
**PREREQUISITE:** B in Honors Chemistry demonstrated ability, and/or teacher recommendation.  
**DESCRIPTION:** This course provides a study of the development and application of chemistry principles and concepts. The content includes, but is not limited to, that determined by the Advanced Placement Program. Laboratory investigations of selected topics in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of the course.

**TITLE: PHYSICS I (Applied Physics)**  
**LEVEL** Regular  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E, C  
**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Physics I Honors.  
**PREREQUISITE:** Algebra, Geometry and/or teacher recommendation  
**CO-REQUISITE:** Algebra II  
**DESCRIPTION:** This course provides students with an introductory study of the theories and laws governing the interaction of matter, energy and the forces of nature. Content includes, but is not limited to, kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, nuclear physics and sound. Laboratory investigations of selected topics in the content which also includes the use of the scientific method, measurement, laboratory apparatus and safety are an integral part of the course.

**TITLE: PHYSICS I HONORS**  
**LEVEL** Honors  
**GRADE** 9-12  
**CREDIT** 1  
**TYPE** E, C  
**SPECIAL NOTE:** This is a laboratory-oriented course. Completion of a credit in this course precludes the earning of credit in Physics 1.  
**PREREQUISITE:** Algebra, Geometry, and/or teacher recommendation  
**CO-REQUISITE:** Trigonometry, Pre-calculus, Calculus
DESCRIPTION: This course provides students with a rigorous introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. Content includes, but is not limited to, kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, nuclear physics, and sound. Laboratory investigations of selected topics in the content, which also include the use of the scientific method, measurement, laboratory apparatus and safety, are an integral part of the course.

TITLE: ADVANCED PLACEMENT PHYSICS B
LEVEL          GRADE  CREDIT TYPE
Adv Pl         9-12    1   E, C
SPECIAL NOTE: This is a laboratory-oriented course. Completion of a credit in this course precludes the subsequent earning of credit in Physics 1 or Physics 1 Honors.
PREREQUISITE: B in Honors Physics, C in Trigonometry or higher math, demonstrated ability, and/or teacher recommendation. Honors physics HIGHLY recommended. Science teacher approval required.
DESCRIPTION: This course provides a systematic introduction of the main principles of classical and modern Physics and emphasizes the development of problem-solving ability. Content includes, but is not limited to, that determined by the Advanced Placement Program, Laboratory investigations of selected topics, in the content, which include the use of the scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of the course.

TITLE: HONORS AMERICAN HISTORY
LEVEL          GRADE  CREDIT TYPE
Honors         9-11    1   R, C
PREREQUISITE: None
UNITS OF STUDY: Age of Exploration to Contemporary United States
DESCRIPTION: Social studies is the integrated study of the social sciences and the humanities. Utilizing knowledge, skills and attitudes in an active learning environment, the study of social studies promotes the development of well-educated students who have a sense of their place/role historically, geographically and culturally. Social studies enables students to make the informed, ethical, reasoned decisions required for effective participation as citizens of a culturally diverse, democratic society in a rapidly-changing, interdependent world.
The American history course is designed to involve both students and teachers as active participants in the learning process. Students build upon historical knowledge constructed in earlier grades, make connections between present-day problems and past events, and use teacher-designed lessons to make informed personal and public decisions.

TITLE: AMERICAN HISTORY
LEVEL          GRADE  CREDIT TYPE
Regular        9-11    1   R, C
PREREQUISITE: None
UNITS OF STUDY: Age of Exploration to Contemporary United States
DESCRIPTION: Social studies is the integrated study of the social sciences and the humanities. Utilizing knowledge, skills and attitudes in an active learning environment, the study of social studies promotes the development of well-educated students who have a sense of their place/role historically, geographically and culturally. Social studies enables students to make the informed, ethical, reasoned decisions required for effective participation as citizens of a culturally diverse, democratic society in a rapidly-changing, interdependent world.

TITLE: AP AMERICAN HISTORY
LEVEL          GRADE  CREDIT TYPE
Adv. Placement 9-11    1   R, C
SPECIAL NOTE: Students are required to take the standardized Advanced Placement Exam.
PREREQUISITE: None
UNITS OF STUDY: Age of Exploration to Contemporary United States
DESCRIPTION: Social studies is the integrated study of the social sciences and the humanities. Utilizing knowledge, skills and attitudes in an active learning environment, the study of social studies promotes the development of well-educated students who have a sense of their place/role historically, geographically and culturally. Social
studies enables students to make the informed, ethical, reasoned decisions required for effective participation as citizens of a culturally diverse, democratic society in a rapidly-changing, interdependent world. The American history course is designed to involve both students and teachers as active participants in the learning process. Students build upon historical knowledge constructed in earlier grades, make connections between present-day problems and past events, and use teacher-designed lessons to make informed personal and public decisions. The content includes, but is not limited to, that determined by the Advanced Placement Program.

**TITLE: THE AMERICAN ECONOMIC EXPERIENCE: SCARCITY & CHOICES (ECONOMICS)**

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**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students with a knowledge of economics, emphasizing practical applications and the decision-making skills necessary to be informed citizens and financially successful individuals. Topics include, but are not limited to, money, banking and monetary policy; the role and influence of government and fiscal policies; the American mixed market system; scarcity, opportunity cost, choice and utility; supply, demand and price in the market, the global economy and exchange rates; personal finance and financial goals; financial, investment and credit markets; employment, wages, rent and capital; and the connections between economics and the other social sciences.

**TITLE: HONORS ECONOMICS**

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**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students the opportunity to acquire a comprehensive understanding of the way in which society organizes to utilize its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. The major emphasis is to provide the student with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems. Topics include, but are not limited to, economic understanding in reaching decisions in the market place; the role and impact of economic wants, scarcity and choices; opportunity costs and trade-offs; economic incentives; specialization; comparative advantage; interdependence; the role of pricing and price determination; types of market failures; savings and investment; the role and function of government and governmental policy; the function of money and financial institutions; labor; supply and demand; and the distinction between micro and macroeconomic problems.

**TITLE: AP MACROECONOMICS**

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**PREREQUISITE:** None  
**DESCRIPTION:** Students understand the choices they must make as producers, consumers, investors, and taxpayers. The study of economics provides students with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. The content should include, but not limited to, the following: fundamental economic concepts including scarcity, opportunity costs and trade-offs, productivity, economic systems and institutions, exchange, money and interdependence. Analysis of macroeconomic concepts including gross national product, aggregate supply and demand, unemployment, inflation and deflation, monetary policy, fiscal policy and international economics.

**TITLE: WORLD GEOGRAPHY**

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**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students the opportunity to acquire an understanding of the interrelationships between people and their environment. Topics include, but are not limited to, an understanding of the relationship between physical geography, natural resources, and the economic political, social, cultural, religious, and historic aspects of human activity as applied to a study of the following world regions: Western Europe, Eastern Europe, The Commonwealth of Independent States, Anglo-America, Latin America, North Africa and the Middle East, Sub-Saharan Africa, Southern and Eastern Asia, and Oceania.
**TITLE: AP HUMAN GEOGRAPHY**  
**LEVEL** AP  
**GRADE** 9 – 12  
**CREDIT** 1  
**TYPE** R,C  
**PREREQUISITE:** Teacher Approval  
**DESCRIPTION:** The purpose of this course is to enable students to develop higher levels of concepts and skills related to Human Geography. The content should include, but not be limited to, the following: regions, population studies, cultural concepts and spatial representation, political geography, land use, urbanization, issues related to space, place, and scale, economic geography.

**TITLE: AP WORLD HISTORY**  
**LEVEL** AP  
**GRADE** 10  
**CREDIT** 1  
**TYPE** R,C  
**PREREQUISITE:** Teacher Approval  
**DESCRIPTION:** This course provides students the opportunity to acquire a comprehensive understanding of the past in terms of the process of human development. This is done by analyzing the political, economic, social, religious, military, dynastic, scientific, and cultural events that have shaped and influenced human development. Implicit in this is an understanding of the historical method, the inquire process, and historical reasoning and interpretation. Topics include, but are not limited to, geo-historic development in time-space, comparative views of history, the origin and development of contrasting civilizations, and analysis of cultural universals, the role of religion in historical change, the varieties of contrasting political theories and philosophies, the role of science and technology as a social catalyst, nationalism as a cohesive force in history, the diversity of economic thought and practices in the world, and analysis of the influence of the major figures and events, and interpretations concerning the historical development of our present world order.

**TITLE: AMERICAN POLITICAL SYSTEM: PROCESS & POWER**  
**LEVEL** Regular  
**GRADE** 12  
**CREDIT** ½  
**TYPE** R, C  
**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students with an opportunity to examine their own political behaviors, analyze the dynamics of political issues and practice decision-making skills. Students investigate classical and modern political thought and theorists; comparative political systems; the evolution of democratic political systems; the sources and function of American government; constitutional framework, federalism and the separation of powers; the evolving role of political parties and interest groups in determining government policy; and how people create and change structures of power, authority and governance.

**TITLE: HONORS AMERICAN POLITICAL SYSTEM: PROCESS AND POWER**  
**LEVEL** Honors  
**GRADE** 12  
**CREDIT** ½  
**TYPE** R, C  
**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students with an opportunity to examine their own political behaviors, analyze the dynamics of political issues and practice decision-making skills. Students investigate classical and modern political thought and theorists; comparative political systems; the evolution of democratic political systems; the sources and function of American government; constitutional framework, federalism and the separation of powers; the evolving role of political parties and interest groups in determining government policy; and how people create and change structures of power, authority and governance.

**TITLE: AP AMERICAN POLITICAL SYSTEM: PROCESS AND POWER**  
**LEVEL** Adv. Placement  
**GRADE** 12  
**CREDIT** 1  
**TYPE** R, C  
**SPECIAL NOTE:** Students are required to take the standardized Advanced Placement exam.  
**PREREQUISITE:** None  
**DESCRIPTION:** This course provides students with an opportunity to examine their own political behaviors, analyze the dynamics of political issues and practice decision-making skills. Students investigate classical and modern political thought and theorists; comparative political systems; the evolution of democratic political systems; the sources and function of American government; constitutional framework, federalism and the separation of powers; the evolving role of political parties and interest groups in determining government policy; and how people create and change structures of power, authority and governance. The content includes but is not limited to, that determined by the Advance Placement Program.
TITLE: PSYCHOLOGY I
LEVEL       GRADE       CREDIT      TYPE
Regular     9            ½           E, C
PREREQUISITE: None
DESCRIPTION: This course provides students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Topics include, but are not limited to, the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health, and therapy.

TITLE: AP PSYCHOLOGY
LEVEL       GRADE       CREDIT      TYPE
Adv. Placement 10-12  1           E, C
DESCRIPTION: Through the study of psychology, students acquire an understanding of and appreciation for human behavior, behavioral interaction and the progressive development of individuals. Content should include, but not be limited to, research methodology, the differences between learned and unlearned behavior, forces that influence the strength and direction of behavior, theories, methods and issues related to the assessment of human differences, and the impact of social factors on behavior.

TITLE: WORLD HISTORY
LEVEL       GRADE       CREDIT      TYPE
Regular     10           1           R, C
PREREQUISITE: None
DESCRIPTION: This course provides students the opportunity to acquire an understanding of the chronological development of civilization by examining the political, economic, social, religious, military, dynastic, scientific, and cultural events that have affected humanity. Topics include, but are not limited to, an understanding of geographic-historic and time-space relationships, the use of arbitrary periodization in history, a review of pre-history, the rise of civilization and cultural universals, the development of religion and the impact of religious thought, the evolution of political systems and philosophies, the interaction of science and society, the development of nationalism as a global phenomenon, the origin and course of economic systems and philosophies, the influence of major historical figures and events, and contemporary world affairs.

TITLE: HONORS WORLD HISTORY
LEVEL       GRADE       CREDIT      TYPE
Honors      10           1           R, C
PREREQUISITE: None
DESCRIPTION: This course provides students the opportunity to acquire a comprehensive understanding of the past in terms of the process of human development. This is done by analyzing the political, economic, social, religious, military dynastic, scientific, and cultural events that have shaped and influenced human development. Implicit in this is an understanding of the historical method, the inquire process, and historical reasoning and interpretation. Topics include, but are not limited to, geo-historic development in time-space, comparative views of history, the origin and development of contrasting civilizations, an analysis of cultural universals, the role of religion in historical change, the varieties of contrasting political theories and philosophies, the role of science and technology as a social catalyst, nationalism as a cohesive force in history, the diversity of economic thought and practices in the world, an analysis of the influence of the major figures and events, and interpretations concerning the historical development of our present world order.

TITLE: AP EUROPEAN HISTORY
LEVEL       GRADE       CREDIT      TYPE
Adv. Placement 12           1           E
SPECIAL NOTE: Students are required to take the standardized Advanced Placement exam.
PREREQUISITE: None
DESCRIPTION: This course provides students the opportunity to develop the analytic skills and factual knowledge necessary to deal with the problems, content, and material of European historic development. This is done by focusing on persistent themes and change in history and by applying historical reasoning to seek solutions to contemporary problems. Appropriate concepts and skills, such as learning to assess historical materials, are developed in connection with the content. The content includes, but is not limited to, that determined by the Advanced Placement Program.
TITLE: AICE GEOGRAPHY
LEVEL: AICE
GRADE: 10 - 12
CREDIT: 1
TYPE: R, C
PREREQUISITE: None
DESCRIPTION: The Geography syllabus builds upon skills gained at Cambridge IGCSE (or equivalent level study). Learners widen their knowledge and understanding of the subject, while developing their investigative abilities and their evaluation and decision-making skills. The syllabus is wide-ranging and comprises a variety of options. For example, learners can study topics such as hydrology and fluvial geomorphology, atmosphere and weather, rocks and weathering, population change and settlement dynamics. The syllabus considers a range of environments, from tropical to arid, and learners can also study subjects such as environmental management, global interdependence and economic transition.

TITLE: AICE THINKING SKILLS
LEVEL: AICE
GRADE: 9 - 12
CREDIT: 1
TYPE: R, C
PREREQUISITE: None
DESCRIPTION: Thinking Skills develops a specific set of intellectual skills, independent of subject content, reflecting the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus also enables students to approach their other subjects with an improved ability to understand, analyse and resolve problems. As a result, students will find the course of great benefit when preparing for higher education and for a wide range of careers, including law, scientific research, social science, journalism, medicine, business, accounting and engineering. The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking, and informed and disciplined reasoning.

DIVERSIFIED CAREER TECHNOLOGY

TITLE: DIVERSIFIED CAREER TECHNOLOGY PRINCIPLES
LEVEL: Regular
GRADE: 10 - 12
CREDIT: 1
TYPE: V, VO
PREREQUISITE: Teacher recommendation
DESCRIPTION: This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources and labor skills; America’s economic principles; entrepreneurship principles; relate planning methods to life and career goals; and uses of industry/technology principles in the workplace. A first Occupational Completion Point will be met upon completion of DCT Principles and one credit of DCT OJT.

TITLE: DIVERSIFIED CAREER TECHNOLOGY APPLICATIONS
LEVEL: Regular
GRADE: 10 - 12
CREDIT: 1
TYPE: V, VO
PREREQUISITE: Teacher recommendation
DESCRIPTION: This course is designed to enable each student to apply environment, health, and safety skills; professional, legal, and ethical responsibilities; financial management skills; leadership skills; social, legal, and economic aspects of employment; international economic principles; components of a business plan; decision-making skills to life and career goals; technical skills; and the functions of management. After successful completion of DCT Principles, DCT OJT, and DCT Applications, students will have met a second Occupational Completion Point.

TITLE: DIVERSIFIED CAREER TECHNOLOGY MANAGEMENT
LEVEL: Regular
GRADE: 10 - 12
CREDIT: 1
TYPE: V, VO
PREREQUISITE: Teacher recommendation
DESCRIPTION: This course is designed to enable each student to implement competency and mastery in the areas of employability (human resource); environmental, health, and safety; professional, legal and ethical workplace responsibilities; financial planning; leadership skills; communication skills; labor and human resource issues related to the workplace; global and economic issues; a business plan; employability skills related to life and career goals; managerial/supervisory uses of technical and production skills. After successful completion of DCT Principles, DCT OJT, DCT Applications, and DCT Management, students will have met a third Occupational Completion Point.

TITLE: COOPERATIVE DIVERSIFIED EDUCATION OJT
LEVEL: Regular
GRADE: 10 - 12
CREDIT: 1
TYPE: V, VO
PREREQUISITE: Teacher recommendation
DESCRIPTION: This course is designed to enable each student to demonstrate competencies in a specific career and to demonstrate legal and ethical
behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for the student to become competent in the occupation for which he/she is being trained. The training plan is the “curriculum” for the on-the-job training and the time card is the attendance record. A first Occupational Completion Point will be met upon completion of DCT Principles and DCT OJT.

### COLLEGE COURSES

**TITLE: DUAL ENROLLMENT**

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**SPECIAL NOTE:** The student transcript will show the college course number for the specific course taken.

**PREREQUISITE:** Prior approval of the guidance counselor and principal.

**DESCRIPTION:** Juniors and seniors with excellent academic records may take college level courses at Palm Beach Junior College or Florida Atlantic University for both college and high school credit. Students interested in registering for such courses should contact their guidance counselor for assistance.

### ACADEMY OF CULINARY ARTS

#### Culinary Arts Program

**TITLE: CULINARY ARTS I**

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<td>Regular 9-12</td>
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**PREREQUISITE:** Academy Acceptance

**DESCRIPTION:** Students will develop competence in career and job opportunities; basic food skills; personal productivity; safe, secure and sanitary work procedures; operational systems; recipes; commercial tools and equipment; principles of nutrition; front-of-the-house duties; back-of-the-house duties; food and beverage preparation.

**TITLE: CULINARY ARTS II**

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<td>Regular 9-12</td>
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**PREREQUISITE:** Completion of Culinary Arts I and Teacher Recommendation

**DESCRIPTION:** Students will develop competence in career and job opportunities; basic skills; work procedures; operational systems; recipes; principles of nutrition; front-of-the-house and back-of-the-house duties and food preparation.

**TITLE: CULINARY ARTS III**

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<td>Honors 10-12</td>
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**PREREQUISITE:** Completion of Culinary Arts II and Teacher Recommendation.

**DESCRIPTION:** Students will develop competence in career advancement opportunities; food identification, selection and purchasing; advanced cooking and baking and quality standards of food preparation and presentation.

**TITLE: CULINARY ARTS IV**

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<td>Honors 10-12</td>
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**PREREQUISITE:** Completion of Culinary Arts III or concurrently enrolled and Teacher Recommendation.

**DESCRIPTION:** Students will develop competence in career advancement opportunities; food identification, selection and purchasing; advanced cooking and baking and quality standards of food preparation and presentation.

**TITLE: Family and Consumer Sciences OJT**

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The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student **must be compensated** for work performed.
COMMUNICATIONS TECHNOLOGY PROGRAM

TITLE: COMMUNICATIONS TECHNOLOGY I
LEVEL          GRADE          CREDIT      TYPE
Regular         9-12          1           E,PA,V
PREREQUISITE: Academy Acceptance
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in the communications industries. Students will have an opportunity to demonstrate skills in areas such as screen printing, platemaking, printing reproduction, electronic communication, and desktop publishing.

TITLE: COMMUNICATIONS TECHNOLOGY II
LEVEL          GRADE          CREDIT      TYPE
Regular         9-12          1           E,PA,V
PREREQUISITE: Completion of Communications Technology I and Teacher Recommendation.
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in the communications industries. Students will have an opportunity to demonstrate skills in areas such as screen printing, platemaking, printing reproduction, electronic communication, and desktop publishing, binding, finishing, continuous tone photography, and multicolored printing.

TITLE: COMMUNICATIONS TECHNOLOGY III
LEVEL          GRADE          CREDIT      TYPE
Honors          9-12          1           E,PA,V
PREREQUISITE: Completion of Communications Technology II and Teacher Recommendation.
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in the communications industries. Students will have an opportunity to demonstrate skills in areas such as screen printing, platemaking, printing reproduction, electronic communication, and desktop publishing, binding, finishing, continuous tone photography, and multicolored printing. Emphasis will be placed on research and experimentation in communications technology.

TITLE: ADVANCED TECHNOLOGY APPLICATIONS
LEVEL          GRADE          CREDIT      TYPE
Honors          9-12          1           E, V, PA
PREREQUISITE: Completion of Communications Technology III and Teacher Recommendation.
DESCRIPTION: This course provides Communications Technology students with the opportunity to develop a project from “vision” to finished product. It will involve applying all of the skills previously learned, not only in the Communications Technology Program, but across the curriculum, to actual situations.

DRAFTING/ILLUSTRATIVE DESIGN PROGRAM

TITLE: DRAFTING/ILLUSTRATIVE DESIGN TECHNOLOGY I
LEVEL          GRADE          CREDIT      TYPE
Regular         9-12          1           E,PA,V
PREREQUISITE: Academy Acceptance
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in drafting industries and develops skills, knowledge and attitudes for success and advancement in a specialized occupational proficiency program. Emphasis will be placed on skills necessary in the design process.

TITLE: DRAFTING/ILLUSTRATIVE DESIGN TECHNOLOGY II
LEVEL          GRADE          CREDIT      TYPE
Regular         9-12          1           E,PA,V
PREREQUISITE: Completion of Drafting/Illustrative Design Technology I and Teacher Recommendation.
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in drafting industries and develops skills, knowledge and attitudes for success and advancement in a specialized occupational proficiency program. Emphasis will be placed on skills necessary in the design process and in Computer Aided Drafting (CAD).

TITLE: DRAFTING/ILLUSTRATIVE DESIGN TECHNOLOGY III
LEVEL          GRADE          CREDIT      TYPE
Honors          9-12          1           E,PA,V
PREREQUISITE: Completion of Drafting/Illustrative Design Technology II and Teacher Recommendation.
DESCRIPTION: This course provides instruction in basic competencies common to a cluster of occupations in drafting industries and develops skills, knowledge and attitudes for success and advancement in a specialized occupational proficiency program. Emphasis will be placed on skills necessary in the design process and in Computer Aided Drafting (CAD).
occupations in drafting industries and develops skills, knowledge and attitudes for success and advancement in a specialized occupational proficiency program. Emphasis will be placed on conducting a research and experimentation project in drafting technology.

TITLE: GUIDED WORKPLACE/LEARNING
LEVEL         GRADE         CREDIT       TYPE
Regular       11-12          1            E, V
PREREQUISITE: A student must be enrolled in either a Communications Technology or Drafting/Illustrative Design Technology course or have completed either the Communications Technology or the Drafting/Illustrative Design Technology Program and Teacher Recommendation.
DESCRIPTION: Students will gain practical, firsthand knowledge in communications technology or drafting/illustrative design technology through a structured paid or unpaid internship experience. The internship will give students an opportunity to integrate occupation and applied academic learning and to apply knowledge and skills learned in the communications technology or the drafting/illustrative design technology classroom to actual work situations.

ACADEMY OF INFORMATION TECHNOLOGY

Introduction To Information Technology or Computing For College & Careers is taken prior to selecting program options)

(1st Course For All Programs)

TITLE: INTRO TO INFORMATION TECHNOLOGY
LEVEL         GRADE         CREDIT       TYPE
Regular       9-12           1            E, PA, V
PREREQUISITE: None
DESCRIPTION: 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 and web page design; and

Microsoft Office fundamentals in Word, Excel, and PowerPoint.

ACCOUNTING PROGRAM

TITLE: ACCOUNTING APPLICATIONS I
LEVEL         GRADE         CREDIT       TYPE
Regular       9-12           1            E, V
PREREQUISITE: Completion of Introduction to Information Technology and Teacher Recommendation.
DESCRIPTION: This course emphasizes double-entry bookkeeping; 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 and basic interpretation of financial statements. The use of computers is required.

TITLE: ACCOUNTING APPLICATIONS II
LEVEL         GRADE         CREDIT       TYPE
Honors        9-12           1            E, V
PREREQUISITE: Completion of Accounting Applications I and Teacher Recommendations
DESCRIPTION: This Course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records, and internal control systems. The use of computers is required.

BUSINESS MANAGEMENT PROGRAM

TITLE: BUSINESS AND ENTREPRENEURIAL PRINCIPLES
LEVEL         GRADE         CREDIT       TYPE
Regular       9-12           1            E, V
PREREQUISITE: Completion of Introduction to Information Technology and Teacher Recommendation.
DESCRIPTION: This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/management skills, leadership skills, human resources management activities, business ethics and cultural diversity. Emphasis is placed on job readiness and career development.
TITLE: LEGAL ASPECTS OF BUSINESS
LEVEL          GRADE          CREDIT        TYPE
Honors          9-12          1           E, V
PREREQUISITE: Completion of Business and Entrepreneurial Principles and Teacher Recommendation.
DESCRIPTION: This course is designed to provide an introduction to the legal aspects of business. Topics include business law concepts, forms of business ownership, insurance awareness, governmental regulations, management functions, human resources management issues, and career development.

PC SUPPORT PROGRAM

TITLE: PC SUPPORT I
LEVEL          GRADE          CREDIT        TYPE
Regular         9-12          1           E, V
PREREQUISITE: Completion of Introduction to Information Technology and Teacher Recommendation.
DESCRIPTION: This course is designed to develop entry-level skills for PC support services. Emphasis is placed on developing an understanding of various computer software applications and computer hardware.

TITLE: PC SUPPORT II
LEVEL          GRADE          CREDIT        TYPE
Honors          9-12          1           E, V
PREREQUISITE: Completion of PC Support I and Teacher Recommendation.
DESCRIPTION: This course continues the development of basic entry-level skills for PC support services. The content includes software applications and operating systems, electronic communication via the Internet, and an introduction to computer networking.

TITLE: PC SUPPORT III
LEVEL          GRADE          CREDIT        TYPE
Honors          9-12          1           E, V
PREREQUISITE: Completion of PC Support II and Teacher Recommendation.
DESCRIPTION: This course continues the study of PC support services and is designed to develop advanced skills for employment. The content includes advanced software applications, the interrelationships among major components of networks, hardware installation, and selection of electronic communications software and hardware.
NOTE: This course will always be combined with PC IV

TITLE: PC SUPPORT IV
LEVEL          GRADE          CREDIT        TYPE
Honors          9-12          1           E, V
PREREQUISITE: Completion of PC Support III and Teacher Recommendation.
DESCRIPTION: This course continues the development of advanced skills for entry-level employment in PC support services positions. The content includes utilization of advanced software/system features and programs, integration techniques to enhance projects, network administration, components of Web pages, and preventative hardware maintenance.
NOTE: This course will always be combined with PC III

WEB DESIGN PROGRAM

TITLE: Foundations of Web Design
LEVEL          GRADE          CREDIT        TYPE
Regular         9-12          1           E,PA,V
DESCRIPTION: This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design.

TITLE: User Interface Design
LEVEL          GRADE          CREDIT        TYPE
Honors          9-12          1           E,PA,V
DESCRIPTION: This course provides advanced concepts used in interface design. The content includes principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced HTML commands, multimedia applications, Internet/Intranet tools, and website promotion.

TITLE: Web Design III
LEVEL          GRADE          CREDIT        TYPE
Honors          9-12          1           E,PA,V
DESCRIPTION: This course provides advanced concepts in HTML, design and Internet Tools.
TITLE: Web Design IV  
LEVEL	GRADE	CREDIT	TYPE
Honors	9-12	1	E,PA,V
DESCRIPTION: This course provides advanced concepts in web site promotion, interactive web site development, and using scripting languages as they relate to WWW site.

TITLE: APPLIED INFO & COMMUNICATION TECH AICE  
LEVEL	GRADE	CREDIT	TYPE
9-12	1	E,PA,V
DESCRIPTION: This syllabus encourages students to become effective and discerning users of ICT. It helps them to develop a broad range of ICT skills, knowledge and understanding. Students gain an understanding of the structure and use of a variety of computer networks. As a result, students learn about ICT system life cycles, and how these affect the workplace. They also gain an understanding of the wider impact of ICT on society in general.

TITLE: BUSINESS COOPERATIVE EDUCATION - OJT  
LEVEL	GRADE	CREDIT	TYPE
Reg	11-12	1	E,V
PREREQUISITE: A student must be enrolled in Accounting, Business Management, PC Support or Web Design course or have completed the Accounting, Business Management, PC Support or Web Design Program and Teacher Recommendation.
DESCRIPTION: Students will gain supervised on-the-job training in business occupations, along with career related instruction.

ACADEMY OF MEDICAL SCIENCES

3 PROGRAMS AVAILABLE
(Anatomy & Physiology and Health Science II are taken prior to selecting program options)

TITLE: ANATOMY AND PHYSIOLOGY  
LEVEL	GRADE	CREDIT	TYPE
Honors	9	1	E,C
PREREQUISITE: Academy Acceptance
COREQUISITE: Students must be concurrently enrolled in Biology
DESCRIPTION: This course provides students with exploratory activities in the structures and functions of the components of the human body.

TITLE: ANATOMY AND PHYSIOLOGY HONORS  
LEVEL	GRADE	CREDIT	TYPE
Honors	9	1	E,C
PREREQUISITE: Academy Acceptance
COREQUISITE: Students must be concurrently enrolled in Biology
DESCRIPTION: This course provides students with exploratory activities in the structures and functions of the components of the human body.

TITLE: HEALTH SCIENCE II  
LEVEL	GRADE	CREDIT	TYPE
HONORS	09-12	1	E,V
PREREQUISITE: Completion of Health Science I with grade of "B" or better
COREQUISITE: Students must be concurrently enrolled in Chemistry.
DESCRIPTION: This course prepares students with information and skills needed to effectively communicate, incorporate legal and ethical responsibilities, follow safety, wellness and disease concepts, demonstrate computer literacy and demonstrate knowledge of blood borne pathogens and HIV/AIDS

TITLE: HEALTH AND WELLNESS III  
LEVEL	GRADE	CREDIT	TYPE
HONORS	11-12	1	E,V
PREREQUISITE: Anatomy & Physiology, Health Science II and Teacher Recommendation
DESCRIPTION: The purpose of this program is to prepare students for the wellness and fitness marketplace, and its various components, such as instructing or coaching groups of individuals in exercise activities, and the fundamentals of an individual's health and wellness. This program requires a 50% clinical component. *The student is eligible to sit for the American College of Sports Medicine Certified Personal Trainer Certification (18 years old and a graduate).

EMERGENCY MEDICAL RESPONDER

TITLE: FIRST RESPONDER III  
LEVEL	GRADE	CREDIT	TYPE
HONORS	11-12	1	E,V
PREREQUISITE: Anatomy & Physiology, Health Science II and a teacher recommendation
COREQUISITE: Student must be concurrently enrolled in anatomy & Physiology or Physics
DESCRIPTION: This course prepares students to provide initial care to sick or injured persons or as ambulance drivers and attendants. An Emergency Medical Responder may use this training for employment. An Emergency Medical Responder may include law enforcement, life guard, fire services or basic life support personnel who act as part of an organized emergency medical services team. After completion of this course, students may articulate to the postsecondary program of Emergency Medical Technician under dual enrollment. This program requires a 50% clinical component.

MEDICAL LABORATORY ASSISTING PROGRAM

TITLE: MEDICAL LABORATORY ASSISTING III*
LEVEL          GRADE          CREDIT          TYPE
HONORS 11        1            E, V

PREREQUISITE: Anatomy & Physiology, Health Science II and Teacher Recommendation.

COREQUISITE: Student must be concurrently enrolled in Anatomy & Physiology or Physics.

DESCRIPTION: This program is designed to prepare students for employment as medical/clinical lab technicians or medical lab assistants.

**Students completing the course Medical Laboratory Assisting 3 have also met the postsecondary requirements of phlebotomy except for clinical experiences on actual patients.

**Students completing the course Medical Laboratory Assisting 4 have also met the postsecondary requirements of Medical Laboratory Assisting. Simulation and clinical laboratory experiences are integrated with the didactic portion of this program. Clinical experience is defined as the laboratory activities performed in the clinical setting under the supervision of a medical lab technician or technologist. This program requires a 50% clinical component. *The student is eligible to sit for the National Phlebotomy Exam. (18 year old & a graduate), CMLA Exam and CMA Exam

TITLE: Pharmacy Technician 7
LEVEL          GRADE          CREDIT          TYPE
HONORS 12        1.0          E, C

PREREQUISITE: Completion or currently completing a Medical Sciences Academy program.

DESCRIPTION: This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the health care industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues. The content includes but is not limited to metric system, medical terminology, medicinal drugs, pharmaceutical compounding, USP 795 standards, sterile techniques, USP 797 standards, maintenance of inventory, IV preparation, receiving and handling of hazardous materials, preparing purchase orders, receiving and checking supplies purchased, printing labels, typing prescription labels, delivering medications, pricing prescription drug orders and supplies, prepackaging unit dose packages, patient record systems, control records, data processing automation in pharmacy, computer application, employability skills, leadership and human relations skills, health and safety, including CPR.

TITLE: PRE-AICE BIOLOGY
LEVEL          GRADE          CREDIT          TYPE
Honors 9-10        1          R,C

PREREQUISITE: A/B in Inter. Science, FCAT score 4/5

DESCRIPTION: With an emphasis on human biology, the Cambridge IGCSE Biology syllabus helps learners to understand the technological world in which they live, and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies. They also develop an understanding of the scientific skills essential for further study at Cambridge International A Level, which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

TITLE: PRE-AICE CHEMISTRY/HONORS
LEVEL          GRADE          CREDIT          TYPE
Honors 10-11        1          R,C

PREREQUISITE: Biology Honors/Pre AICE, Alg I or II A/B

DESCRIPTION: The Cambridge IGCSE Chemistry syllabus enables learners to understand the technological world in which they live, and take an informed interest in science and scientific developments. Learners gain an understanding of the basic principles of Chemistry through a mix of theoretical and practical studies. They also develop
an understanding of the scientific skills essential for further study at Cambridge International A Level, skills which are useful in everyday life. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.

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**PREREQUISITE:** Pre AICE Bio A/B

**COREQUISITE:** Pre AICE Chemistry

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