

## 2020-2021 REGISTRATION INSTRUCTIONS

As a student enrolled in Fort Walton Beach High School, you are given the opportunity to select coursework each spring for the following school year. It is important to involve your parents in course selection, that you make certain you meet the prerequisites, and that you keep high school graduation requirements and career objectives in mind.

This guide is designed to aid you in making appropriate choices by providing brief program and course descriptions, prerequisites, and other information related to this process. In order to complete registration successfully, you are urged to follow the steps identified below:

1. **READ** the curriculum guide carefully.
2. **REVIEW** the list of graduation requirements and determine which requirements have been met and which courses need to be taken next year. Consider courses which need to be repeated because of lost credit.
3. **TALK** to your parents and teachers about course selections and appropriate academic levels (standard, honors, or advanced studies) as determined by your classroom teacher.
  - ◆ **Standard:** These courses are designed for in-depth instruction that challenges students. These classes are suitable for all students.
  - ◆ **Honors / Pre-AICE:** These courses are designed for self-motivated students who wish to pursue a more challenging curriculum while in high school.
  - ◆ **Advanced Studies (AICE / AP / Dual Enrollment / Designated Choice Courses):** These college-level courses are designed for highly motivated students who wish to pursue potential college credit in high school.
4. **SELECT** courses that will correspond to or complement your goals for the future.

**Course selection represents a commitment on the part of the student and parent to complete the schedule of classes chosen; however, requests for schedule changes will be considered for the following reasons:**

- ◆ Scheduling error (example – request Algebra 1 and receive Algebra 2)
- ◆ Incorrect course sequence
- ◆ Failure to complete a prerequisite course or requirement
- ◆ Graduation or college requirement omitted from schedule
- ◆ Duplicate course
- ◆ Credit already received for course / course completion during the summer
- ◆ Blank period on schedule

As you make your course selections, get teacher signatures for ALL of your choices. Be sure that you meet the prerequisites for all selected courses. If a registration form is not returned with all of the necessary requirements completed, a counselor will make course selections for you based on class availability. **A student will not be allowed to make a schedule change if a registration form was not received during the registration period.**

**Special Note:** Additionally, the administration reserves the right to make necessary changes based on class size and teacher load as determined by the state of Florida class size requirements. As a reminder, FWBHS does not accept teacher requests in regard to student scheduling.

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**GENERAL INFORMATION**

**OUR VISION:**

Fort Walton Beach High School graduates will be literate in writing, reading, speaking, math, science and technology. They will become multiculturally sensitive citizens who are adaptable with effective social and collaboration skills.

**OUR BELIEFS:**

- ◆ All students learn but at different rates and in different ways.
- ◆ Students must be provided extra time for learning.
- ◆ Students will develop behavioral, social, and intellectual skills to be successful in an ever-changing and diverse society.
- ◆ All graduates will have the confidence and self-direction to become lifelong learners.
- ◆ Education should be personalized to meet the individual needs of each student.
- ◆ Each student should be empowered to achieve at his/her highest level through a partnership between home, school, and community.
- ◆ Teachers must receive ongoing professional development.

**OUR MISSION:**

The mission of Fort Walton Beach High School is excellence without exception in preparing students for graduation so that they may enter the workforce, seek training in the military, or pursue post-secondary education.

**ADMINISTRATION:**

John Spolski	Principal
Merchelle Hixson-Wells	Assistant Principal, Instruction
Lindsey Smith	Assistant Principal, Attendance, 9 <sup>th</sup> Grade Discipline
Joe Tucci	Assistant Principal, 10 <sup>th</sup> Grade Discipline, Attendance
TBA	Dean of Students, Discipline, Facilities

**SCHOOL COUNSELORS:**

A counselor is assigned to each student to help guide him or her throughout the high school years. A student or parent may set up an appointment for a conference with his/her counselor through the guidance office.

Linda Dugan	10 <sup>th</sup> - 12 <sup>th</sup> Grade: Last Name A-F
Christy Simms	10 <sup>th</sup> – 12 <sup>th</sup> Grade: Last Name G-L
Susan Ver Steeg	All 9 <sup>th</sup> ; 10 <sup>th</sup> – 12 <sup>th</sup> Grade: Last Name M-O
Lori Lipnicky	10 <sup>th</sup> – 12 <sup>th</sup> Grade: Last Name P-Z

**GUIDANCE STAFF:**

Carol Bernich	ESE Staffing Specialist
Kristi Evans	Secretary, New Student Registration
Cindy Lemasters	Master Schedule, Records & Transcripts

**DEPARTMENT CHAIRS:**

Marc Williams .....	English	Jason Blanks .....	Theatre
Jackie Sheffield .....	Mathematics	Glenda Ortiz-Dumey .....	Foreign Language
Beth Russell .....	Science	Randy Folsom .....	Music
Andrea Pearson .....	Social Studies	Holly McDaniel.....	Electives & Physical Education
Pat McCollough .....	Business Education		

**GENERAL INFORMATION**

**SCHOOL WEBSITE:**

Fort Walton Beach High School Website is: <http://okaloosaschools.com/fwfb/>

**SOCIAL MEDIA WEBSITES:**



**Like Us on  
Facebook**

Fwbvikingsofficial  
Guidance: fwbhsguidance



**Follow Us on  
Twitter**

@fwbhsvikings  
Guidance: @fwbhsguidance

**PARENT / TEACHER COMMUNICATION:**

If a student is experiencing a problem in a course, the best solutions are a result of direct communication between the parent, student and teacher. Please call or e-mail the instructor with your concerns and allow at least 24 hours for a response. E-mail addresses can be found on the school web site at <http://okaloosaschools.com/fwfb/> under "Contact Us." You may also arrange for a conference with a guidance counselor and your student's teachers by contacting your child's guidance counselor to schedule an appointment.

**GRADES & ATTENDANCE ONLINE:**

Report cards are distributed to the students at the end of every reporting period. Parents can access grades and attendance online, at <http://okaloosaschools.com/> under "Grades Online" or "Parent Portal." There is even a FREE smartphone App that you can download for easier access to your child's grades. Simply search iOCSD in your smartphone's web store to download today!



**PROMOTION CRITERIA & GRADE CLASSIFICATION:**

Students must earn a minimum number of credits each year in order to be promoted to the next level:

- ◆ **9<sup>th</sup> Grade:** Promotion or placement from 8<sup>th</sup> Grade
- ◆ **10<sup>th</sup> Grade:** A minimum of 6 Credits are needed to be promoted to 10<sup>th</sup> Grade
- ◆ **11<sup>th</sup> Grade:** A minimum of 12 Credits are needed to be promoted to 11<sup>th</sup> Grade
- ◆ **12<sup>th</sup> Grade:** A minimum of 17 Credits are needed to be promoted to 12<sup>th</sup> Grade

**GRADING SCALE & GRADE POINT VALUE FOR ACADEMIC SUBJECTS:**

Letter Grade	Number Grade	Definition	Grade Point Value Non-Weighted	Grade Point Value Weighted: 0.5	Grade Point Value Weighted: 1.0
A	90-100	Outstanding Progress	4.0	4.5	5.0
B	80-89	Above Average Progress	3.0	3.5	4.0
C	70-79	Average Progress	2.0	2.5	3.0
D	60-69	In Danger of Failing	1.0	1.5	2.0
F	0-59	Failure	0	0	0
I	0	Incomplete	0	0	0

Students will receive a weighting of one (1.0) point for all courses held to a college standard. These include all AICE, AP, Dual Enrollment and designated CHOICE courses. All other courses listed on the district weighting table (gifted, honors, Pre-AICE and designated CHOICE courses) will receive a weighting of half (0.5) of a point. For a complete listing, please look at the Pupil Progression Plan (PPP) available at: [www.okaloosaschools.com/district/documents-policies](http://www.okaloosaschools.com/district/documents-policies)

## GENERAL INFORMATION

### **SCHEDULING ADD / DROP PROCEDURE:**

Changes to course selections are made for duplicate or missing courses.

**All students who drop a class after the first 4 weeks of each semester will receive a penalty "F".**

### **GRADE FORGIVENESS:**

Students who earn a grade of "D" or "F" may retake the course and replace the "D" or "F" when earning a grade of "C" or higher in the same or comparable course. Credit will be awarded only once for a course which is repeated. The original grade will remain on the transcript but is not counted toward the cumulative GPA. Students having accepted high school credit while in middle school may retake a course to forgive grades earned less than a "B."

### **INTENSIVE READING:**

Students receiving a Level 1 or 2 on the FSA ELA, regardless of promotion or retention status, will be placed in an Intensive Reading class the following year.

### **TRANSCRIPTS:**

A transcript is the official record of a student's high school record and is available from the Guidance Office. A fee of \$1.00 is charged for each transcript. Please allow three to five working days for a transcript to be processed. Please see Ms. Lemasters in the Guidance office to complete a transcript request form.



**GRADUATION REQUIREMENTS**

**What are the diploma options?**

Students must successfully complete one of the following diploma options:

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

**What are the state assessment requirements?**

Students must pass the following statewide assessments:

- Grade 10 ELA (or ACT/SAT concordant score)
- Algebra I end-of-course (EOC) or ACT/SAT concordant score)

Students must participate in the EOC assessments and the results constitute 30 percent of the final course grade. These assessments are in the following subjects:

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

**What is the credit acceleration program (CAP)?**

This program allows a student to earn high school credit if the student passes a statewide course assessment without enrollment in the course. The courses include the following subjects:

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

**What are the graduation requirements for students with disabilities?**

Two options are available only to students with disabilities. Both require the 24 credits listed in the table and both allow students to substitute a career and technical elective (CTE) course with related content for one credit in ELA IV, mathematics, science and social studies (excluding Algebra 1, Geometry, Biology 1 and U.S. History)

- Students with significant cognitive disabilities may earn credits via access courses and be assessed via an alternate assessment.
- Students who choose the academic and employment option must earn at least .5 credit via paid employment.

**What are the requirements for the 24-credit standard diploma option?**

<b>4 Credits English Language Arts (ELA)</b>
<ul style="list-style-type: none"> <li>• ELA I, II, III, IV</li> <li>• ELA honors, Advanced Placement (AP), Advanced International Certificate of Education (AICE), International Baccalaureate (IB) and dual enrollment courses may satisfy this requirement</li> </ul>
<b>4 Credits Mathematics</b>
<ul style="list-style-type: none"> <li>• One of which must be Algebra I and one of which must be Geometry</li> <li>• Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry)</li> </ul>
<b>3 Credits Science</b>
<ul style="list-style-type: none"> <li>• One of which must be Biology I, two of which must be equally rigorous science courses.</li> <li>• Two of the three required credits must have a laboratory component.</li> <li>• An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I)</li> <li>• An identified rigorous Computer Science course with a related industry certification substitutes for up to one science credit (except for Biology I)</li> </ul>
<b>3 Credits Social Studies</b>
1 credit in World History 1 credit in U.S. History .5 credit in U.S. Government .5 credit in Economics
<b>1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts*</b>
<b>1 Credit Physical Education*</b>
To include the integration of health
*Eligible courses and eligible course substitutions are specified in the Florida Course Code Directory at <a href="http://www.fldoe.org/articulation/CCD/default.asp">http://www.fldoe.org/articulation/CCD/default.asp</a>
<b>8 Elective Credits</b>
<b>1 Online Course</b>
Students must earn a 2.0 grade point average on a 4.0 scale.

**GRADUATION REQUIREMENTS**

**What are the requirements for scholar diploma designations?**

Scholar Diploma Designation
<p>In addition to meeting the 24-credit standard high school diploma requirements, a student must</p> <ul style="list-style-type: none"> <li>• Earn 1 credit in Algebra II;</li> <li>• Pass the Geometry EOC;</li> <li>• Earn 1 credit in Statistics or an equally rigorous mathematics course;</li> <li>• Pass the Biology I EOC;</li> <li>• Earn 1 credit in Chemistry or Physics;</li> <li>• Earn 1 credit in a course equally rigorous to Chemistry or Physics;</li> <li>• Pass the U.S. History EOC;</li> <li>• Earn 2 credits in the same World Language;</li> <li>• Earn at least 1 credit in AP, IB, AICE or a dual enrollment course.</li> </ul> <p>A student is exempt from the Biology I or U.S. History assessment if the student is enrolled in an AP, IB or AICE Biology I or U.S. History course and the student</p> <ul style="list-style-type: none"> <li>▪ Takes the respective AP, IB or AICE assessment; and</li> <li>▪ Earns the minimum score to earn college credit.</li> </ul>
Merit Diploma Designation
<ul style="list-style-type: none"> <li>▪ Meet the standard high school diploma requirements</li> <li>▪ Attain one or more industry certifications from the list established (per s. 1003.492, F.S.)</li> </ul>

**Can a student who selects the 24-credit program graduate early?**

Yes, a student who completes all the 24-credit program requirements for a standard diploma may graduate in fewer than eight semesters.

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

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

All other graduation requirements for a 24-credit standard diploma must be met (per section 1003.4282(10)(d)1.-5., Florida Statutes [F.S.]).

**Where is information on Bright Futures Scholarships located?**

The Florida Bright Futures Scholarship Program rewards students for their academic achievements during high school by providing funding to attend a post-secondary Florida institution in Florida. For More information visit <http://www.floridastudentfinancialaid.org/SSAFD/bf/>.

**What are the public postsecondary options?**

State University System
<p>Admission into Florida’s public universities is competitive. Prospective students should complete a rigorous curriculum in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida’s public universities, a first-time-in-college student must meet the following minimum requirements:</p> <ul style="list-style-type: none"> <li>▪ High school graduation with a standard diploma</li> <li>▪ Admission test scores</li> <li>▪ 16 credits of college preparatory academic courses</li> <li>▪ 4 English (3 with substantial writing)</li> <li>▪ 4 Mathematics (Algebra I level and above)</li> <li>▪ 3 Natural Science (2 with substantial lab)</li> <li>▪ 3 Social Science</li> <li>▪ 2 World Language (sequential, in the same language)</li> <li>▪ 2 approved electives</li> </ul> <p style="text-align: center;"><a href="http://www.flbog.edu/forstudents/planning">http://www.flbog.edu/forstudents/planning</a></p>
The Florida College System
<p>Includes 28 state colleges. These institutions offer career-related certificates and two-year associate degrees that prepare students to transfer to a bachelor’s degree program or to enter jobs requiring specific skills. Many also offer baccalaureate degrees in high-demand fields. Florida College System institutions have an open door policy. This means that students who have earned a standard high school diploma, have earned a high school equivalency diploma or have demonstrated success in postsecondary coursework will be admitted to an associate degree program.</p> <p style="text-align: center;"><a href="http://www.fldoe.org/fcs">http://www.fldoe.org/fcs</a></p>
Career and Technical Centers
<p>Florida also offers students 46 accredited career and technical centers throughout the state, which provide the education and certification necessary to work in a particular career or technical field. Programs are flexible for students and provide industry-specific education and training for a wide variety of occupations.</p> <p style="text-align: center;"><a href="http://www.fldoe.org/workforce/pdf/DistrictTechnicalCen">http://www.fldoe.org/workforce/pdf/DistrictTechnicalCen</a></p>

**Where is information on financial aid located?**

The Office of Student Financial Assistance State Programs administers a variety of postsecondary educational state-funded grants and scholarships. <http://www.floridastudentfinancialaid.org/>

## ONLINE EDUCATION / VIRTUAL SCHOOL

Florida HB7067 (Section 4, Section 1002.45) states that students entering 9th grade in the 2011-2012 School Year and thereafter be required to complete one on-line course during high school for graduation. An online course taken for *high school credit* in grade 6, grade 7, or grade 8 fulfills this requirement. This requirement is met through an online course offered by Okaloosa Online, Florida Virtual School, a virtual education provider approved by the State Board of Education, a high school, or an online dual enrollment course.



Please note the following courses taken at Fort Walton Beach High School MEET the graduation online course requirement:

- Personal Fitness – Blended Class
- Digital Video 1, 2, 3
- Advanced Digital Media Systems
- Web Design 1, 2, & 3
- Computer Fundamentals
- Digital Information Technology
- Digital Design 1, 2, & 3

## ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE)

Advanced International Certificate of Education (AICE) is a program in which students can take an advanced academic curriculum and assessment program written and administered by the University of Cambridge in England. All public universities and community colleges in Florida award up to 30 hours of college credits for AICE exams passed. All students enrolled in an AICE class will take the AICE exam at the end of the school year! Please check for Pre-Requisite requirements. The final exam for AICE may occur after school has released for the summer. Every student in these courses must take the examination. In signing up for this course, you admit full understanding of this policy and commit to attendance of the AICE exam. Failure to commit to the exam will result in removal from the class.



**UNIVERSITY of CAMBRIDGE**  
International Examinations

CAMBRIDGE INTERNATIONAL CENTRE

### 5 AICE courses available at Fort Walton Beach High School:

AICE General Paper

AICE Thinking Skills 1

AICE Travel & Tourism

AICE Thinking Skills 2

AICE Sociology

## ADVANCED PLACEMENT (AP)

Fort Walton Beach High School participates in College Board's nationally recognized Advanced Placement (AP) program. AP courses provide college level instruction in several areas that help prepare students for the rigorous coursework encountered in college. In May of each year, students take the AP exam written, administered and graded by the College Board. The score on this exam will not affect a student's grade in the course. Some colleges place students or award college credit based on these test scores. AP Courses have a weighted GPA value. Because AP courses are taught at a college level, excellent study habits and a strong foundation in the specific discipline are necessary for success. Please check for Pre-Requisite requirements. Every student in these courses must take the examination. In signing up for this course, you admit full understanding of this policy and commit to attendance of the AP exam. Students who withdraw from AP course after exams have been ordered will be assessed a cancellation fee as determined by College Board.



### 24 AP courses available at Fort Walton Beach High School:

AP Art History

AP European History

AP Psychology

AP Biology

AP Human Geography

AP Statistics

AP Calculus AB

AP Macroeconomics

AP Studio Art: Drawing Portfolio

AP Calculus BC

AP Microeconomics

AP Studio Art: 2-D Portfolio

AP Chemistry

AP Music Theory

AP Studio Art: 3-D Portfolio

AP English Language

AP Physics 1

AP U.S. Government

AP English Literature

AP Physics 2

AP U.S. History

AP Environmental Science

AP Physics C

AP World History





Recommended Progression of STEMM Course Work			
9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<p><b>ENGLISH:</b></p> <ul style="list-style-type: none"> <li>English 1 Honors +</li> </ul>	<p><b>ENGLISH:</b></p> <ul style="list-style-type: none"> <li>English 2 Honors + (1<sup>st</sup> Semester)</li> <li>AICE General Paper ++ (2<sup>nd</sup> Semester)</li> </ul>	<p><b>ENGLISH:</b></p> <ul style="list-style-type: none"> <li>AP English Language ++</li> </ul>	<p><b>ENGLISH:</b></p> <ul style="list-style-type: none"> <li>AP English Literature ++</li> </ul>
<p><b>MATHEMATICS:</b></p> <ul style="list-style-type: none"> <li>Algebra 2 Honors +</li> </ul>	<p><b>MATHEMATICS:</b></p> <ul style="list-style-type: none"> <li>Pre-Calculus Honors +</li> <li>AP Statistics ++</li> </ul>	<p><b>MATHEMATICS:</b></p> <ul style="list-style-type: none"> <li>AP Calculus AB ++</li> <li>AP Statistics ++</li> </ul>	<p><b>MATHEMATICS:</b></p> <ul style="list-style-type: none"> <li>AP Calculus BC ++</li> <li>AP Statistics ++</li> </ul>
<p><b>SCIENCE:</b></p> <ul style="list-style-type: none"> <li>Biology 1 Honors +</li> <li>AP Environmental Sci. ++ (if taken concurrently with Biology 1 Honors)</li> </ul>	<p><b>SCIENCE:</b></p> <ul style="list-style-type: none"> <li>Chemistry 1 Honors + or</li> <li>AP Environmental Sci. ++ or</li> <li>AP Physics 1 ++</li> </ul>	<p><b>SCIENCE:</b></p> <ul style="list-style-type: none"> <li>AP Biology ++ or</li> <li>AP Chemistry ++ or</li> <li>AP Environmental Sci. ++ or</li> <li>AP Physics 2 ++</li> </ul>	<p><b>SCIENCE:</b></p> <ul style="list-style-type: none"> <li>AP Biology ++ or</li> <li>AP Chemistry ++ or</li> <li>AP Environmental Sci. ++ or</li> <li>AP Physics C ++</li> </ul>
<p><b>SOCIAL STUDIES:</b></p> <ul style="list-style-type: none"> <li>AP Human Geography ++</li> </ul>	<p><b>SOCIAL STUDIES:</b></p> <ul style="list-style-type: none"> <li>AP World History ++</li> </ul>	<p><b>SOCIAL STUDIES:</b></p> <ul style="list-style-type: none"> <li>AP U.S. History ++</li> </ul>	<p><b>SOCIAL STUDIES:</b></p> <ul style="list-style-type: none"> <li>AP U.S. Government ++ (1 Semester)</li> <li>AP Macroeconomics ++ (1 Semester)</li> <li>AP Microeconomics ++ (1 Semester)</li> </ul>
<p><b>WORLD LANGUAGES:</b></p> <ul style="list-style-type: none"> <li>French 1</li> <li>Latin 1</li> <li>Pre-AICE Spanish 1 +</li> <li>Sign Language 1</li> </ul>	<p><b>WORLD LANGUAGES:</b></p> <ul style="list-style-type: none"> <li>French 2</li> <li>Latin 2 (2020-2021)</li> <li>Pre-AICE Spanish 2 +</li> <li>Sign Language 2</li> </ul>	<p><b>WORLD LANGUAGES:</b></p> <ul style="list-style-type: none"> <li>French 3 Honors +</li> <li>Spanish 3 Honors +</li> </ul>	<p><b>WORLD LANGUAGES:</b></p> <ul style="list-style-type: none"> <li>French 4 Honors +</li> <li>Spanish 4 Honors +</li> </ul>
<p><b>BIOMEDICAL SCIENCES:</b></p> <ul style="list-style-type: none"> <li>Prin. of Biomedical Sci. +</li> </ul>	<p><b>BIOMEDICAL SCIENCES:</b></p> <ul style="list-style-type: none"> <li>Human Body Systems +</li> </ul>	<p><b>BIOMEDICAL SCIENCES:</b></p> <ul style="list-style-type: none"> <li>Medical Interventions +</li> </ul>	<p><b>BIOMEDICAL SCIENCES:</b></p> <ul style="list-style-type: none"> <li>Biomed. Innovations ++</li> </ul>
<p><b>ENGINEERING:</b></p> <ul style="list-style-type: none"> <li>Introduction to Engineering Design/ Drafting 1 ++</li> </ul>	<p><b>ENGINEERING:</b></p> <ul style="list-style-type: none"> <li>Principles of Engineering ++</li> </ul>	<p><b>ENGINEERING:</b></p> <ul style="list-style-type: none"> <li>Digital Electronics ++ (will be offered 2019-20)</li> </ul>	<p><b>ENGINEERING:</b></p> <ul style="list-style-type: none"> <li>Engineering Design &amp; Development ++ (will be offered 2020-21)</li> </ul>
<p><b>TECHNOLOGY ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>Digital Information Tech or</li> <li>Digital Video Tech 1 + or</li> <li>Web Programming ++ or</li> <li>.NET Application Dev. +</li> </ul>	<p><b>TECHNOLOGY ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>Digital Design 1 or</li> <li>Digital Video Prod 2 + or</li> <li>User Interface Design ++ or</li> <li>.NET App Dev. +</li> </ul>	<p><b>TECHNOLOGY ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>Digital Design 2 ++ or</li> <li>Digital Video Prod 3 + or</li> <li>Web Scripting ++ or</li> <li>.NET App Dev. +</li> </ul>	<p><b>TECHNOLOGY ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>Ad. Technology App. + or</li> <li>Digital Design 3 ++ or</li> <li>Adv Digital Media Sys + or</li> <li>.NET App Dev. +</li> </ul>

+ = add .5 weight / ++ = add 1.0 weight  
 1.0 Credit of Physical Education needs to be taken as well.  
 Additional science or math courses are also suggested for elective courses.

## FORT WALTON BEACH HIGH SCHOOL CHOICE INSTITUTES



**CHOICE** is a unique program for high school students. CHOICE provides students with nationally recognized industry certifications and a solid foundation whether they plan to enter the workforce immediately after high school or continue their education at a career center, community college, or university. It lets students earn high school credit, possible college credit, and nationally-recognized industry certification – all at the same time. The students of Okaloosa County have more educational options than ever before!

### **CHOICE Benefits:**

- Choose from a wide variety of Institutes and Pre-Institutes
- Earn possible college credit at no cost to your family while attending high school
- Learn from industry-certified experienced professionals in state-of-the-art classrooms
- Earn national industry certifications that lead to high skill/high wage positions
- Qualify for Florida Bright Futures and Gold Seal Scholarships

For more information of CHOICE please visit: <http://www.choice-institutes.com/index.html>

### **Fort Walton Beach High School is home to six (6) CHOICE Institutes:**

- **Biomedical Sciences Institute**
- **Engineering Institute**
- **Digital Design Institute**
- **Digital Media Technology Institute**
- **Web Development Institute**



### **Biomedical Sciences Institute @ Fort Walton Beach High School**

The Biomedical Sciences (BMS) Program is a sequence of courses, all aligned with appropriate national learning standards, which follows a proven hands-on, real-world problem-solving approach to learning. Students explore the concepts of human medicine and are introduced to topics such as physiology, genetics, microbiology and public health. Through activities, like dissecting a heart, students examine the processes, structures and interactions of the human body – often playing the role of biomedical professionals. They also explore the prevention, diagnosis and treatment of disease, working collaboratively to investigate and design innovative solutions to the health challenges of the 21st century such as fighting cancer with nanotechnology. Throughout BMS, students acquire strong teamwork and communication practices, and develop organizational, critical-thinking, and problem-solving skills. Along the way students investigate a variety of careers in biomedical sciences.



### **Biomedical Sciences Program of Study:**

- Principles of the Biomedical Science
  - Human Body Systems
  - Medical Interventions
- Biomedical Innovation (Capstone Course)

## FORT WALTON BEACH HIGH SCHOOL CHOICE INSTITUTES

### Engineering Institute @ Fort Walton Beach High School

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. PLTW Engineering empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The program's courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take. Each PLTW Engineering course engages students in interdisciplinary activities like working with a client to design a home, programming electronic devices, or robotic arms, or exploring algae as a biofuel source. These activities not only build knowledge and skills in engineering, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance.



#### Engineering Program of Study:

- Introduction to Engineering
  - Principles of Engineering
    - Digital Electronics
- Engineering Design and Development (Capstone Course)

### Digital Design Institute @ Fort Walton Beach High School

Students who study digital design have the opportunity to pursue a wide range of computer-based design courses using industry-leading software. With programs like **Adobe CC**, students work hands-on with the same cutting-edge software as today's design professionals, which gives them a significant advantage as they move on to further their education or enter the work force.



#### Digital Design Institute Program of Study:

- Digital Design 1
- Digital Design 2
- Digital Design 3

#### Digital Design Institute

#### Industry Certification students can earn INCLUDE:

- Adobe Photoshop ACA
- Adobe Illustrator ACA
- Adobe InDesign ACA



## FORT WALTON BEACH HIGH SCHOOL CHOICE INSTITUTES

### Digital Media Technology Institute @ Fort Walton Beach High School

The Digital Media Technology Program places emphasis on studies to develop skills in digital media authoring, production, presentation and distribution. Students will gain skills using digital cameras and video production equipment. Students obtain practical experience in the creation of digital video productions, animation, and interactive multimedia authoring.



#### Digital Media Technology Institute

##### Program of Study:

- Digital Video Technology 1
- Digital Video Production 2 Honors
- Digital Video Production 3 Honors
- Advanced Digital Media System Honors

#### Digital Media Technology

##### Industry Certification students can earn INCLUDE:

- Adobe Premier Pro ACA
- Toon Boom/Storyboard Pro
- Toon Boom Harmony

### Web Development Institute @ Fort Walton Beach High School

In the Web Development program, students learn to code websites focusing on an ever-changing world of Web technologies where they explore Notepad++, Dreamweaver CC, Photoshop CC, and the student web server (Cpanel). This program provides advanced interface design concepts using principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced page layout using HTML5 structuring, multimedia application integration, Internet/Intranet tools, and website promotion.



#### Web Development Institute

##### Program of Study:

- Foundations of Web Design
- Web Programming
- JavaScript Programming
- PHP Programming

#### Web Development Institute

##### Industry Certification students can earn INCLUDE:

- Certified Internet Web (CIW) – Certification does not expire

**OKALOOSA TECHNICAL COLLEGE**

**OKALOOSA TECHNICAL COLLEGE**

**HIGH SCHOOL ELECTIVE COURSES**

1976 Lewis Turner Blvd. Fort Walton Beach, Fl.

(850) 833-3500

**TRANSPORTATION IS PROVIDED!**

[www.OTCollege.net](http://www.OTCollege.net)



**Career Dual Enrollment**

Earn your high school diploma, obtain an industry credential or license, and earn articulated college credit all while in high school. **Okaloosa Technical College (OTC)** can help you meet these goals and prepare you for your future. As a Career Dual Enrolled (CDE) student, you will share your day between **OTC** and your home high school. This means you will be able to complete an industry approved, high-skill, high-wage technical program with weighted credits while you are completing high school graduation requirements.



**AUTOMOTIVE SERVICE TECHNOLOGY**

(Dual Enrollment)  
Through the Automotive Technology Program, students learn the "High-Tech" world of automobile service and repair through daily hands-on work in the classroom.



**CARPENTRY**  
(Dual Enrollment)

The Carpentry program prepares students for entry-level positions in various segments of the construction industry. From safety practices to basic rough carpentry and framing. Students in the Carpentry program are prepared to jump-start their careers in this industry.



**BUILDING TRADES AND CONSTRUCTION DESIGN TECHNOLOGY**  
(Dual Enrollment)

Construction Technology offers a comprehensive construction education that includes carpentry, electrical, engineering, and construction technology. Get the experience to start your career.



**COSMETOLOGY SALON & SPA**  
(Co-Enrollment) Not eligible for dual enrollment

If you have an eye for beauty, there are career opportunities in cosmetology. Students learn to care for hair, skin, nails and create style and beauty for their clients through extensive hands-on experience using mannequins and live models.



Heating  
Ventilati  
and  
Air Cond

**HEATING, VENTILATION, AIR-CONDITIONING/REFRIGERATION**  
(Dual Enrollment)

Through the HVAC/R program students will learn the technical skills needed for the installation and maintenance of heating and cooling systems.



**PROFFESIONAL CULINARY ARTS AND HOSPITALITY**  
(Dual Enrollment)

Do you have a passion for food and want to showcase your culinary talents? This program gives you the opportunity to explore the culinary profession and investigate the many exciting career options in the industry.



**WELDING TECHNOLOGY**  
(Dual Enrollment)

Welding Technology prepares students for high demand careers in the welding industry. The demand for welding grows daily, thus increasing the number of high paying jobs for qualified individuals with welding skills.



**ELECTRICIAN**  
(Dual Enrollment)

The Electrician program provides students the skills necessary to keep pace with industry demand to have electrical systems maintained and serviced by qualified professionals.



**MANUFACTURING ACADEMY**

**Program Description**

Are you looking for a program to design and create products using 3-D printers which will prepare you for entry directly to both industry and university? Do you enjoy a hands-on approach to education using project-based learning that is thought provoking and challenging? Then iDesign is the program for you! iDesign is an advanced technical manufacturing program that serves as a stepping stone to rigorous degree programs such as Mechanical Engineering or as a direct link to a high-demand, high-wage profession right after high school. During this three-period block, students will gain the skills to program and operate state-of-the-art equipment in a lab setting. This program offers nationally-recognized industry certifications in both SolidWorks and MSSC-CPT (Manufacturing Standard Skills Council-Certified Production Technician) which can earn students up to 15 college credits. One of the three courses will also meet the online requirement for graduation! The iDesign Lab is located at the Northwest Florida State College campus in Niceville. Transportation is provided from your home high school. (Go to <https://youtu.be/oEx5lmbCKtY> to see just one life-changing application of 3D Printing.) Below are the courses available for the Manufacturing Technology program.



**2020-2021 iDesign Courses**

**Year 1**

- 9200210 Advanced Manufacturing Technology 1\*
- 9200220 Advanced Manufacturing Technology 2\*
- 8000110 Pre-Apprenticeship 1 (Online)\*



**Year 2**

- 9200230 Advanced Manufacturing Technology 3\*
- 9200240 Advanced Manufacturing Technology 4\*\*
- 8000110 Pre-Apprenticeship 1 (Online)\*

**Year 3**

- Advanced Manufacturing Technology
- 9200250 Capstone\*\*
- 8600540 Production Technology 1\*
- 8000110 Pre-Apprenticeship 1 (Online)\*

**Year 4**

- 8600640 Production Technology 2\*
- 8601740 Production Technology 3\*
- 8000110 Pre-Apprenticeship 1 (Online)\*

\* = add .5 weight / \*\* = add 1.0 weight

## DUAL ENROLLMENT



Dual Enrollment is a statewide program for high school students to enroll free of charge in college courses to earn both college credit and credit toward high school graduation. The mission of dual enrollment is to shorten the time

necessary for a student to complete the requirements of a high school diploma and a postsecondary degree, to broaden the scope of curricular options available to students, and to increase the depth of study available for a particular subject. Enrollment is limited to no more than 18 hours per semester. ***Students who plan to attend college outside of Florida should check with the university they plan to attend about transfers of college credits.***

### **DUAL ENROLLMENT @ NORTHWEST FLORIDA STATE COLLEGE (NWFSC):**

**Eligibility Requirements:** Students must have parent permission and must:

- ◆ Have a cumulative UN-WEIGHTED grade point average of 3.0
- ◆ Be a high school junior or senior to attend college-level courses during school hours, and be at least a high school sophomore to participate in college-level courses after school hours or during the summer term. Participation in dual enrollment by 9th grade students may only occur during the summer after their 9th grade year.
- ◆ Pass all subtests of a state-approved college placement test (ACT, SAT, PERT) if enrolling in a college English, math, reading, Gordon Rule social science or humanities course, or any course which requires English, math, or reading prerequisites.
- ◆ College credits earned through Dual Enrollment are the same as college credits earned by regular college students at any Florida university or community college and are readily transferable throughout the state.
- ◆ NWFSC Dual Enrollment Admission / Registration forms are available in the Guidance Office.
- ◆ Must meet specific test scores on the SAT, ACT, or PERT exams:
  - SAT minimum scores: Reading – 24; Math – >26; Writing - 25
  - ACT minimum scores: Reading – 19; Math – 21; English/Writing (EW) - 17
  - PERT minimum Scores: Reading – 106; Math – 123; Writing - 103
- ◆ For more information please visit: [www.nwfsc.edu/Students/Enrollment/Admissions/Dual/](http://www.nwfsc.edu/Students/Enrollment/Admissions/Dual/)



**TESTING**

**REQUIRED TESTS:**

- ◆ **EOC Exams:** End of Course Exams in Algebra 1, Geometry, Biology & U.S. History
- ◆ **FSA:** Florida Standards Assessments – For Students who entered 9<sup>th</sup> Grade in 2013-2014 and beyond
  - A passing score on the 10<sup>th</sup> Grade FSA ELA Reading exam is required for high school graduation.
  - Students in grades 9-10 will take the FSA ELA in Reading, Language and Listening as well as Writing

**OPTIONAL TESTS:**

- ◆ **ASVAB:** Armed Services Vocational Aptitude Battery .....<http://official-asvab.com/>
  - Given to juniors and/or seniors who pre-register
  - Assist students in determining career interests and aptitude
- ◆ **PSAT/NMSQT:** Preliminary Scholastic Aptitude Test and National Merit Scholarship Qualifying Test
  - [www.collegeboard.com/student/testing/psat/about.html](http://www.collegeboard.com/student/testing/psat/about.html)
  - Given to 10<sup>th</sup> grade students free of charge
  - Recommended for all college-bound 11<sup>th</sup> graders with a minimal fee
  - Gives preview of anticipated performance on the SAT exam
  - This test is required for any junior wanting to compete for a National Merit scholarship
- ◆ **AICE Exam:** Advanced International Certificate of Education .....[www.cie.org.uk](http://www.cie.org.uk)
  - Mandatory for students enrolled in AICE courses
  - Given in November, May and June for college credit depending on score earned
  - Does not affect grade earned in class
- ◆ **AP Exam:** Advanced Placement Examination .....<https://apstudent.collegeboard.org/>
  - Mandatory for students enrolled in AP courses
  - Given in May for college credit depending on score earned
  - Does not affect grade earned in class
- ◆ **ACT:** American College Testing .....[www.actstudent.org](http://www.actstudent.org)
  - Students should be near the completion of Algebra II before taking this test
  - College bound students may take as part of college entrance requirements
  - Measures performance in English, Mathematics, Reading, Science Reasoning and Writing
  - Fee requirement; must register on-line
  - Required for Bright Futures eligibility (or SAT)
- ◆ **PERT Exam:** Post-Secondary Education Readiness Test .....[www.fldoe.org/fcs/pert.asp](http://www.fldoe.org/fcs/pert.asp)
  - Community or State College bound students
  - Fee may apply
  - Given weekly at Northwest Florida State College
  - Used to determine math and reading levels for students entering a community/junior/state college
- ◆ **SAT:** Scholastic Aptitude Test of the College Board .....[www.collegeboard.com](http://www.collegeboard.com)
  - College bound students may take as part of college entrance requirements
  - Students should be near the completion of Algebra 2 before taking this test
  - Measures performance in Mathematics, Critical Thinking, Reading and Writing abilities
  - Fee requirement; must register on-line
  - Required for Bright Futures eligibility (or ACT)





## HIGH SCHOOL ATHLETIC ELIGIBILITY

**Athletic eligibility questions should be directed to Athletic Director Philip Dorn, at ext. 4405.**

**INTERSCHOLASTIC EXTRACURRICULAR ELIGIBILITY:**

- ◆ An incoming ninth-grader must have been regularly promoted from the eighth grade according to Pupil Progression Plan to be eligible during the fall semester.
- ◆ The regular school year shall consist of two semesters. The length of each semester shall be determined by the public district school board or governing board of the private school. A summer school session, if held, shall be considered to be an extension of the second (spring) semester.
- ◆ Each Semester Thereafter: An athlete must maintain a cumulative 2.0 grade point average on a 4.0 scale, or its equivalent, in all courses he/she takes to be eligible each semester.



## NAIA ATHLETIC ELIGIBILITY



**NAIA:  
NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS**

<http://www.playnaia.org/>

**FRESHMAN ELIGIBILITY REQUIREMENTS:**

If you will graduate from a U.S. high school this spring and enroll in college this coming fall, the requirements are simple. An entering freshman must:

- ◆ Be a graduate of an accredited high school or be accepted as a regular student in good standing as defined by the enrolling institution and
- ◆ Meet **two of the three** following requirements. If as an entering freshman you do not meet at least two of the three standards, you cannot participate in athletics for the first full year of attendance (2 semesters, 3 quarters, or equivalent).

Achieve a minimum of 18 on the ACT OR 860 on the SAT.	Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale.	Graduate in the top half of your high school class
Tests must be taken on a national testing date under national testing conditions; scores must be achieved on a single test. The SAT must be achieved on the Critical Reading and Math sections only. The Writing score cannot be used. You must pass the standardized test prior to the term in which you want to participate in athletics.	The NAIA accepts the GPA determined by the high school, provided it is recorded and awarded in the same manner as for every other student at the school.	If a student's class rank does not appear on the transcript, a signed letter from the principal or headmaster, written on the school's letterhead and with the school's official seal, stating the student's final class rank position or percent may be submitted.

*When you register for the SAT or ACT, use the NAIA Eligibility Center code of **9876** to ensure all SAT and ACT scores are reported directly to the NAIA Eligibility Center from the testing agency. **Test scores that appear on transcripts will not be used.***

**NCAA ATHLETIC ELIGIBILITY****NCAA DIVISIONS I & II  
ELIGIBILITY REQUIREMENTS**[www.eligibilitycenter.org](http://www.eligibilitycenter.org)**CORE COURSES:**

- ◆ **NCAA Divisions I and II require 16 core courses.** See the charts below.
- ◆ **NCAA Division I** requires 10 core courses including seven in English, math, or natural/physical science to be completed prior to the seventh semester. These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.

**DIVISION I - 16 Core Courses**

- ◆ 4 years of English
- ◆ 3 years of mathematics (Algebra 1 or higher – Liberal Arts Math does NOT count)
- ◆ 2 years of natural/physical science (including 1 year of lab science)
- ◆ 1 year of additional English, mathematics or natural/physical science
- ◆ 2 years of social science
- ◆ 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

**DIVISION II - 16 Core Courses**

- ◆ 3 years of English
- ◆ 2 years of mathematics (Algebra 1 or higher – Liberal Arts Math does NOT count)
- ◆ 2 years of natural/physical science (including 1 year of lab science)
- ◆ 3 years of additional English, mathematics or natural/physical science
- ◆ 2 years of social science
- ◆ 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

**For a Complete List of NCAA Courses** Visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) and enter the site as an NCAA College-Bound Student-Athlete. Navigate to the "Resources" tab, click "U.S. Students" and then "List of NCAA Courses." Follow the prompts to search for your high school's list by name.

**TEST SCORES:**

- ◆ Division I uses a Sliding Scale to match SAT/ACT scores and core-course GPA to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. If you have a low GPA, you need a higher test score to be eligible. : [www.2point3.org](http://www.2point3.org)
- ◆ Division II requires ACT sum score or a SAT combined score that matches your core-course GPA on the Division II sliding scale [www.ncaa.org/division-ii-initial-eligibility](http://www.ncaa.org/division-ii-initial-eligibility)
- ◆ The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used. The ACT sum score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.

*When you register for the SAT or ACT, use the NCAA Eligibility Center code of **9999** to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. **Test scores that appear on transcripts will not be used.***

**GRADE POINT AVERAGE:**

Only courses that appear on your high school's list of NCAA Courses will be used in the calculation of your core GPA.

- ◆ **Division I** - Earn at least a 2.3 GPA in your NCAA core classes to be eligible to compete in your first year of college. The required GPA in NCAA core courses to receive athletics aid and practice is 2.000-2.299.
- ◆ **Division II** - Earn at least a 2.2 GPA in your NCAA core classes.

**CHECKLIST FOR COLLEGE BOUND NCAA STUDENT ATHLETES:**

- Register at the beginning of your sophomore year at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- Request that your transcript be sent to the NCAA Eligibility Center at the end of your junior year.
- Check with your high school counselor to make sure you are on track to graduate on time with your class and are taking the required amount of NCAA-approved core courses.
- Request final amateurism certification during your senior year (beginning April 1).
- Ask the guidance department to submit your final transcript with proof of graduation.

## AWARDS & HONORS INFORMATION

### **HONOR GRADUATES:**

Grade point average will be used to calculate class rank and honors designations. At the end of the seventh semester for 24-credit graduates, honor graduates will be determined by the following scale:

**Summa Cum Laude**  
weighted GPA of 4.25  
and above

**Magna Cum Laude**  
weighted GPA of 4.0 - 4.2499

**Cum Laude**  
weighted GPA of 3.75 – 3.99

In order to be considered an honors graduate, students must be on track for graduation and enrolled in the same year-long course at the same level and receive a grade for the 8th semester or have completed their required courses by the end of the seventh semester.

### **FORT WALTON BEACH HIGH SCHOOL SENIOR AWARDS NIGHT:**

In May, we hold a ceremony to honor the individual achievements of our graduating class. Students who receive community, state, and university scholarships and awards are recognized during this event.

### **NATIONAL AP SCHOLAR RECOGNITION:**

Students are recognized by the College Board after AP exam scores are released.

- ◆ **AP Scholar:** Granted to students who receive scores of 3 or higher on three or more AP exams
- ◆ **AP Scholar with Honor:** Granted to students who receive an average score of at least 3.25 on all AP exams, and scores of 3 or higher on four or more of these exams on full-year courses
- ◆ **AP Scholar with Distinction:** Granted to students who receive an average score of at least 3.5 on all AP exams taken and grades of 3 or higher on five or more of these exams
- ◆ **AP National Scholar:** Granted to students in the United States who receive an average score of at least 4 on all AP exams taken, and grades of 4 or higher on eight or more of these exams



### **OKALOOSA COUNTY ANNE T. MITCHELL HONORS CEREMONY:**

Okaloosa County School Board honors its most successful students with a ceremony each year. The ceremony is county-wide for seniors and conducted at the individual schools for underclassmen. Seniors deemed as Honor Graduates are invited to attend.

### **VIKING SCHOLAR AWARDS:**

Beginning in the FRESHMAN year, students who achieve a minimum weighted GPA of 3.75 are named Viking Scholars. All parents are invited to this ceremony which is held in the spring.

**COLLEGE & CAREER PLANNING****FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM:**

The Florida Department of Education "Bright Futures" Scholarship Program offers students substantial financial assistance for post-secondary education at Florida colleges and universities and vocational schools. All students are evaluated and may check their Bright Futures status at [www.Floridashines.org](http://www.Floridashines.org). Seniors who apply for the Bright Future Scholarship will officially be evaluated twice during the senior year, in early spring and following graduation. Seniors will receive an email from Bright Futures of their status following each evaluation. Detailed information may be found at [www.FloridaStudentFinancialAid.org/SSFAD/BF/awardamt.htm](http://www.FloridaStudentFinancialAid.org/SSFAD/BF/awardamt.htm) as changes in legislation may still occur.



Florida high school students who wish to qualify for the Florida Academic Scholars (FAS) award or the Florida Medallion Scholars (FMS) award must meet the following initial eligibility requirements:

- Graduate high school from a Florida public high school with a Florida Standard Diploma (high school graduation requirements), graduate from a registered Florida Department of Education private high school, earn a GED, complete a home education program, or graduate from a non-Florida high school (OOS);
- Complete the required high school coursework; • Achieve the required minimum high school grade point average (GPA);
- Achieve the required minimum score on either the ACT® or SAT® college entrance exam; and
- Complete the required number of service hours

There are four scholarship award levels seniors can qualify for: **Florida Academic Scholars Award, Florida Medallion Scholars Award, Florida Gold Seal Vocational Scholars Award, and Florida Gold Seal CAPE Scholars**. A student may qualify for all four award levels but may only receive the highest one earned. Each scholarship program has specific criteria that must be met. **These requirements are for the Class of 2021 High School Graduates and beyond and are subject to change with each legislative session.** The general eligibility requirements for an initial award from any of the four scholarships include:

- Be a Florida resident and US citizen or eligible noncitizen (noncitizen eligibility is determined by your college)
- Complete the Florida Financial Aid Application (FFAA) at [www.floridastudentfinancialaid.org](http://www.floridastudentfinancialaid.org) by August 31 the year of your high school graduation.
- Earn a Florida standard high school diploma, or its equivalent from a Florida public high school
- Be accepted by, and enrolled in at least six (non-remedial) credit hours in a degree or certificate program at an eligible Florida public or independent post-secondary education institution
- Not have been convicted of (pleaded no contest to) a felony charge

**Florida Academic Scholars (FAS) Award** requires:

- ◆ 3.5 weighted GPA in the 16 credits identified by the Florida Board of Regents college-preparatory courses:
  - 4 English
  - 4 Math (Algebra I and above)
  - 3 Natural Science
  - 3 Social Studies
  - 2 Foreign Language (must be sequential, and in the same language)
- ◆ SAT score of **1330** or higher or ACT score of **29** or higher
- ◆ 100 hours of documented community service

**COLLEGE & CAREER PLANNING**

**Florida Medallion Scholars (FMS) Award** requires:

- ◆ 3.0 weighted GPA in the 16 credits identified by the Florida Board of Regents as college-preparatory courses:
  - 4 English
  - 4 Math (Algebra I and above)
  - 3 Natural Science
  - 3 Social Studies
  - 2 Foreign Language (must be sequential, and in the same language)
- ◆ SAT score of **1210** or higher or ACT score of **25**
- ◆ 75 hours of documented community service

**The Florida Gold Seal Vocational Scholars (GSV) Award** requires: This award can only be used to fund a career education or certificate program. No four year college degrees.

- ◆ Achieve the required weighted minimum 3.0 GPA in the non-elective high school courses
- ◆ Take at least 3 full credits in a single career and technical education program
- ◆ Achieve the required unweighted minimum 3.5 GPA in your career education classes
- ◆ 30 hours of documented community service
- ◆ The following minimum scores on one of the following tests:

ACT	SAT	PERT
Reading: 19 English: 17 Math: 19	Verbal: 440 Math: 440	Reading: 106 Writing: 103 Math: 114

**The Florida Gold Seal CAPE Scholars (GSC) Award.**

This award can only be used to fund a career education or certificate program. Upon completion of an associate in science degree program that articulates to a Bachelor of Science degree, a GSC Scholar may also receive an award for a maximum of 60 credit hours toward a Bachelor of Science degree program. Upon completion of an associate in applied science program, a GSC Scholar may also receive an award for a maximum of 60 credit hours toward a bachelor of applied science degree program. This scholarship requires:

- ◆ Earn a minimum of 5 postsecondary credit hours through CAPE industry certifications which articulate for college credit
- ◆ 30 hours of documented community service

**SCHOLARSHIP  
OPPORTUNITIES**

**SCHOLARSHIP BULLETIN:**

In addition to Bright Futures, there are many other scholarship opportunities available for students. Current scholarship offerings are updated weekly. See Ms. Julie Smith in the Media Center for further information, or visit the scholarship information page at [www.okaloosaschools.com/fw/scholarship](http://www.okaloosaschools.com/fw/scholarship)

**COLLEGE & CAREER PLANNING****Floridashines.ORG:**

All students are encouraged to go to [www.Floridashines.org](http://www.Floridashines.org) and register. Students should verify their name, address, birthdate, and social security numbers are all accurate. A wealth of information is available, including the following:

- ◆ Graduation requirements
- ◆ See high school summary, grades, and monitor transcript online
- ◆ College entrance requirements
- ◆ Learn about higher education opportunities in Florida
- ◆ Apply to public Florida colleges online
- ◆ Financial Aid
- ◆ Scholarship searches
- ◆ Check Bright Futures Scholarship status
- ◆ Research colleges and scholarships in Florida
- ◆ Determine career objectives

**Online Courses****Degrees & Careers****Apply****My Records****Student Services****Library Services****New Course Offerings for 2020-2021:**

- Engineering Design and Development (page 55)
  - Probability and Statistics Honors (page 33)

**ENGLISH LANGUAGE ARTS FLOW CHART**

<b>9<sup>th</sup></b>	<b>10<sup>th</sup></b>	<b>11<sup>th</sup></b>	<b>12<sup>th</sup></b>
	AICE General Paper (2 <sup>nd</sup> Sem)	AP Language	AP Literature
English I Honors	English II Honors	English III Honors (FSA Level 3+)	English IV Honors (FSA Level 3+)
English I Honors*	English II Honors*	English III Regular* (FSA Level 1 & 2)	ECR: English IV for College Readiness* (FSA Level 1 & 2)
<i>* Plus Intensive Reading for FSA, Level 1 &amp; 2 / or ESOL students</i>	<i>* Plus Intensive Reading for FSA, Level 1 &amp; 2 / or ESOL students</i>	<i>* Plus Intensive Reading for FSA, Level 1 &amp; 2 / or ESOL students</i>	<i>* Plus Intensive Reading for FSA, Level 1 &amp; 2 / or ESOL students</i>



<b>ENGLISH LANGUAGE ARTS (ELA)</b>
------------------------------------

**ENGLISH 1 HONORS****1001320****Grade Level: 9****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): None**

English 1 Honors is a rigorous course meant for students who want to increase their skills in critical reading and writing. The course is demanding but with organization and attentiveness in class and a strong work ethic, students will excel with ease. Students who take this course will read and analyze texts of high complexity and write for various purposes. Students will also be challenged to think and collaborate critically on the content they are learning. As part of the year-long coursework, students prepare for state FSA Reading and Writing exams.

**ENGLISH 2 HONORS & AICE GENERAL PAPER****1001350 / 1009400****Grade Level: 10****Course Weight: \*see description****½ Credit Each / Year Long****Prerequisite(s): None**

**\*Students taking this course will be enrolled in English 2 Honors for the first semester with a 4.5 GPA weight and in AICE General Paper for the second semester with a 5.0 GPA weight. Upon completion of both semesters, students will have earned a full credit in 10<sup>th</sup> grade English. In the spring, all students will take the AICE General Paper exam. The exam score will not affect a student's grade earned in the course.** This course is designed to prepare motivated English students for AP Language and AP Literature courses; therefore, some of the content is intended for mature readers. This class provides many opportunities to improve reading, writing, and critical thinking skills in order to respond to questions of high complexity. Students should expect analytical reading of passages, stories and novels in class and at home. **There is a summer reading requirement and assignment for this course.**

**ENGLISH 3****1001370****Grade Level: 11****Prerequisite(s): None**

This course is a critical reading and writing class, emphasizing ideas through a variety of pieces from American Literature. Students will read, research, compose, and edit meaningful and purposeful writing. This class will also incorporate vocabulary development, grammar instruction, literary analysis, and oral language skills. Skills will be scaffolded to ensure the possibility of success for each student.



<b>ENGLISH LANGUAGE ARTS (ELA)</b>
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**ENGLISH 3 HONORS****1001380****Grade Level: 11****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ “B” average in English 2 Honors or “A” average in English 2**♦ **FSA ELA Level 3 or higher**♦ **Current English Teacher Recommendation**

This course is designed to provide motivated English students enriched experiences in critical, collegiate reading and writing with a study of American literature selections. Students who take this class should have a strong work ethic and organizational skills. Students who do not complete assignments on time or who do not read outside school hours should not take this course. **This class has a summer reading requirement, as well as outside reading requirements which we suggest the students obtain each nine weeks.**

**AP ENGLISH LANGUAGE & COMPOSITION****1001420****Grade Level: 11****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): ♦ “B” average in English 2 Honors or “A” average in English 2**♦ **FSA ELA Level 3 or higher**♦ **Current English Teacher Recommendation**

Advanced Placement (AP) English Language and Composition is a course recommended for any student planning on attending a four-year university. This course focuses on analysis and argument to improve students' skills as readers and writers. In addition to a variety of writing exercises, we will study a wide array of contemporary and classic fiction and non-fiction to further the understanding of author's purpose and the writing techniques used to achieve that purpose. A rigorous College Board approved AP syllabus will be used. Students will take the AP exam at the end of the course which may earn them college credit. **This class has a summer reading requirement.**

**AP****ENGLISH 4: FLORIDA COLLEGE READINESS****1001405****Grade Level: 12****1 Credit / Year Long****Prerequisite(s): ♦ FSA ELA Level 1 or 2, C or lower in English 3 Honors or Regular**

This course is designed for students who struggle with reading or writing and are in need of remediation before entering college. Students will read short non-fiction passages, build vocabulary, identify main ideas, use writing patterns, write effective sentences, develop paragraphs, write in various formats, revise and edit, and apply formal grammar.

**ENGLISH 4 HONORS****1001410****Grade Level: 12****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ “C” or higher average in English 3 Honors or “B” average in English 3**♦ **FSA ELA Level 3 or higher (must have critical reading skills)**♦ **Current English Teacher Recommendation**

This course is designed for advanced students who wish to sharpen their literary skills for college. The class is a rigorous, chronological study of literature and the English language, focusing on collegiate-level text analysis, research, writing in varied formats, academic vocabulary, evidence-based presentation and listening skills, language conventions, and collaboration. Core texts include *Beowulf*, the Anglo-Saxon classic hero tale, some of *The Canterbury Tales*, *A Christmas Carol* by Charles Dickens, *Hamlet* by Shakespeare, and *Frankenstein* by Mary Shelley. Students are expected to purchase or download three novels throughout the year and they should be prepared for daily reading and writing assignments as homework. There is no summer reading assignment, but any piece of classic British literature would augment a student's studies.



## ENGLISH LANGUAGE ARTS (ELA)

### AP ENGLISH LITERATURE & COMPOSITION

**1001430**

**Grade Level:** 12

**Course Weight:** 1.0

**1 Credit / Year Long**

**Prerequisite(s):** ♦ “B” average in AP Language or “A” average in English 3 Honors

♦ FSA ELA Level 3 or higher

♦ **Current English Teacher Recommendation**

Advanced Placement (AP) English Literature and Composition is a course recommended for any student planning on attending a four year university. The purpose of this course is to prepare students for the AP exam and to help them acquire critical complex thinking and reading skills necessary for the rigor of college. Preparation for the AP exam includes a year-long intensive training schedule where students close read, interpret, and critically analyze two-three novels, at least three plays, several short stories and numerous poems. Students will also write weekly essays in response to unfamiliar phrase passages, poems, or novels/plays. Students will take the AP exam at the end of the course which may earn them college credit. **There is a summer reading requirement and accompanying assignment for this course.**



## ENGLISH LANGUAGE ARTS (ELA) ELECTIVES

### CREATIVE WRITING 1

**1009320**

**Grade Level:** 9, 10, 11, 12

**½ ELECTIVE Credit / 1 Semester**

**Prerequisite(s):** None

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing. This is a one-semester elective course for students who are interested in learning and practicing new writing styles and exciting creative writing strategies.

### CREATIVE WRITING 2

**1009330**

**Grade Level:** 9, 10, 11, 12

**½ ELECTIVE Credit / 1 Semester**

**Prerequisite(s):** Creative Writing 1

The purpose of this course is to enable students to develop and use writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing. This is a one-semester elective course opened to all students who are interested in learning and practicing new writing styles and exciting creative writing strategies.



**ENGLISH LANGUAGE ARTS (ELA) ELECTIVES**

**DEBATE 1** **1007330**

**Grade Level:** 9, 10, 11, 12 **1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** None

This course promotes logical thinking, organization and speaking skills. Students will learn to speak persuasively and to back up their opinions with logic and evidence. Class participation is critical, as students will have abundant opportunity to speak in front of their peers. Students will learn the rules and formats of formal debate and speech events. **Requirement: Participation in a minimum of one local debate tournament.**

**DEBATE 2 (Debate Team)** **1007340**

**DEBATE 3 HONORS (Debate Team)** **1007350**

**DEBATE 4 HONORS (Debate Team)** **1007360**

**Grade Level:** 10, 11, 12 **Course Weight:** 0.5 for 3 & 4 **1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** Debate Teacher Approval

The debate class provides time for students to prepare for competitive events and to improve their debate and speech skills. Over the course of the year, the team will travel to and will host debate tournaments. While building the bonds of a team, students also will assist and develop Debate 1 students. **Requirement: Participation in a minimum of two tournaments per semester. Out-of-pocket expense is necessary for travel, lodging and food on out-of-district trips.**

**YEARBOOK**

**(JOURNALISM 5 HONORS – 1<sup>st</sup> Year)** **1006331**

**(JOURNALISM 6 HONORS – 2<sup>nd</sup> Year)** **1006332**

**(JOURNALISM 7 HONORS – 3<sup>rd</sup> Year)** **1006333**

**(JOURNALISM 8 HONORS – 4<sup>th</sup> Year)** **1006334**

**Grade Level:** 9, 10, 11, 12 **Course Weight:** 0.5 **1 ELECTIVE Credit / Year Long**

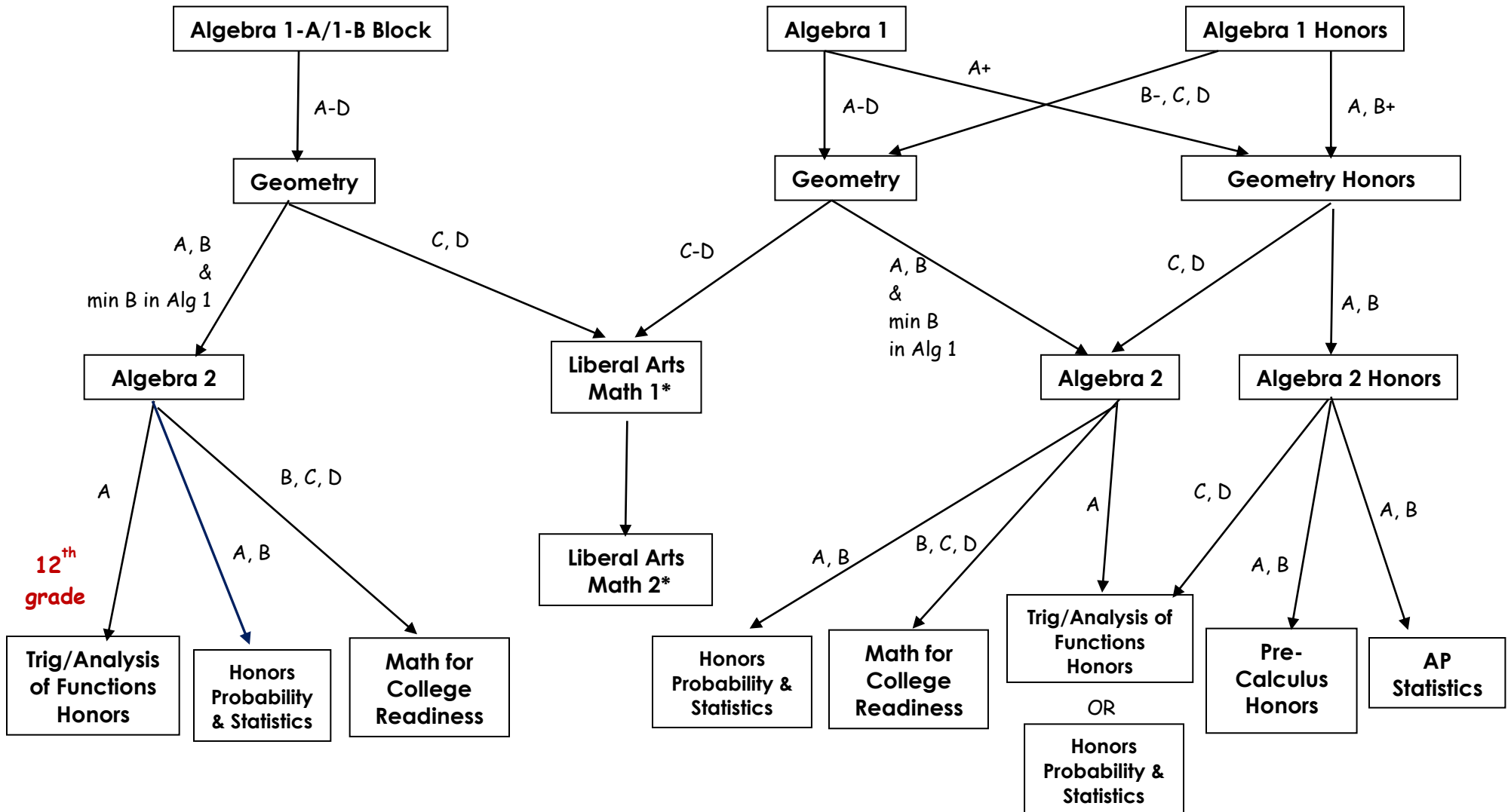
**Prerequisite(s):** Application, Interview, and Yearbook Teacher Approval

This is an honors course with commensurate expectations, and strong writing skills are essential. An application, recommendations, and an interview are required, and upon approval for enrollment, a signed contract is also required for firm admission into the class. Students create a 260-page yearbook entitled the Valhalla (Viking Hall of Fame) which is submitted to our publisher in five incremental deadlines during the first three terms of the school year, and they are required to invest several hours per week outside of class time. Students choose a theme, design the book, create page layouts, take and edit photographs, interview people and write copy. Students plan and execute a sales campaign for selling both books and advertisements within the yearbook. Additionally, students are required to sell a minimum one full page (\$400.00) of business ads as part of their grade. Students who are self-motivated and have a strong work ethic will be successful. Background knowledge of digital design or photography is desirable. Students must re-apply each year, and those who remain on staff for each successive year are expected to take additional responsibilities; upperclassmen may also earn editorial duties. Incoming freshmen with teacher recommendation and/or middle school yearbook experience are invited to apply. Interested students should pick up an application at Valhalla Headquarters (The Yearbook Room, Rm. 316). Applications will also be available in the Guidance office.



## MATH FLOW CHART

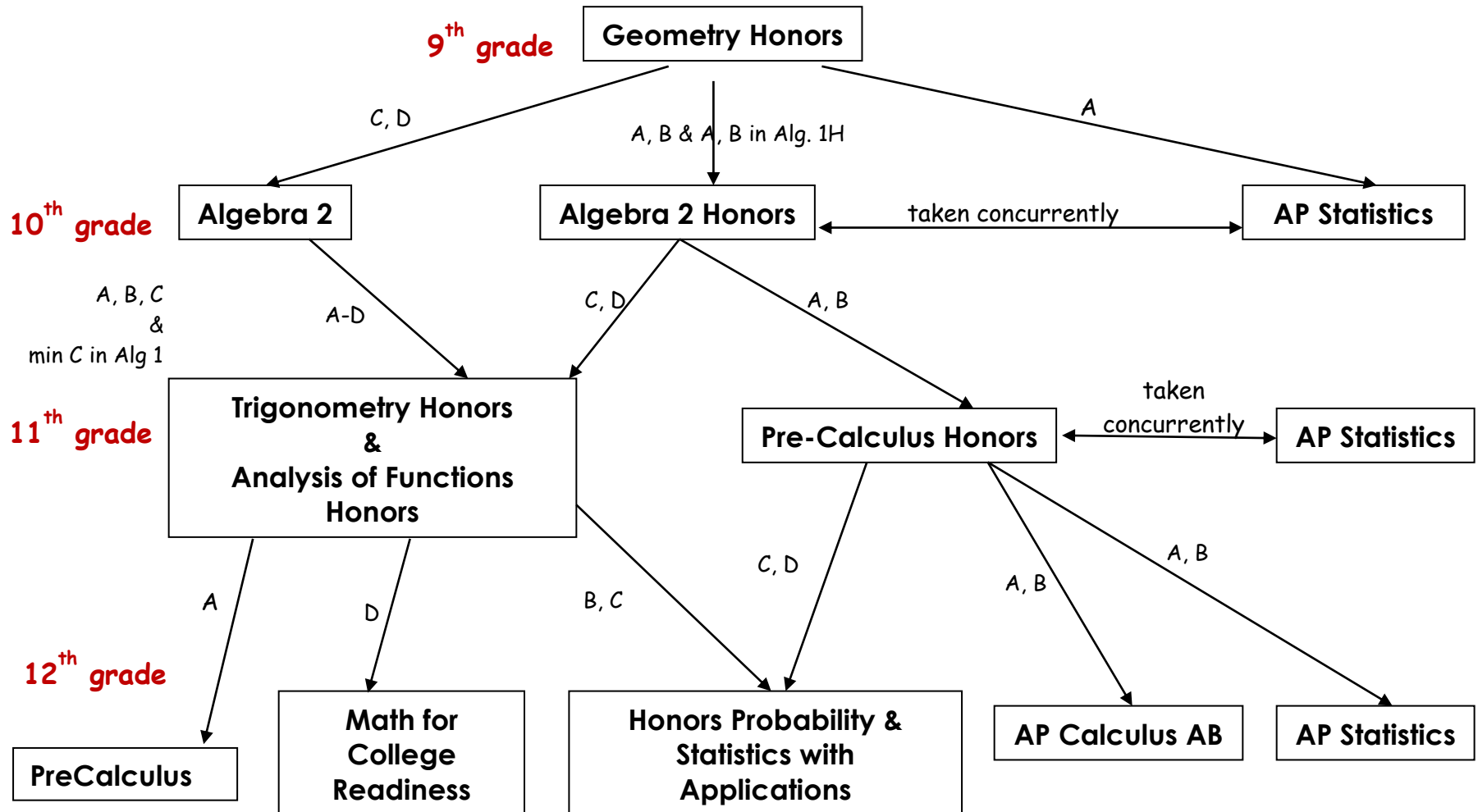
These charts are for students who enter 9<sup>th</sup> grade taking Algebra 1-A / 1-B, Algebra 1, or Algebra 1 Honors



- ✓ Students who make a "D" in a math course are encouraged to retake the course for forgiveness in addition to taking the next course in line.
- ✓ Liberal Arts Math 1 & Liberal Math Arts 2 do not satisfy the math requirement for the Academic or Medallion Bright Futures Scholarships and NCAA eligibility, but do count as a mathematics graduation requirement.

## MATH FLOW CHART

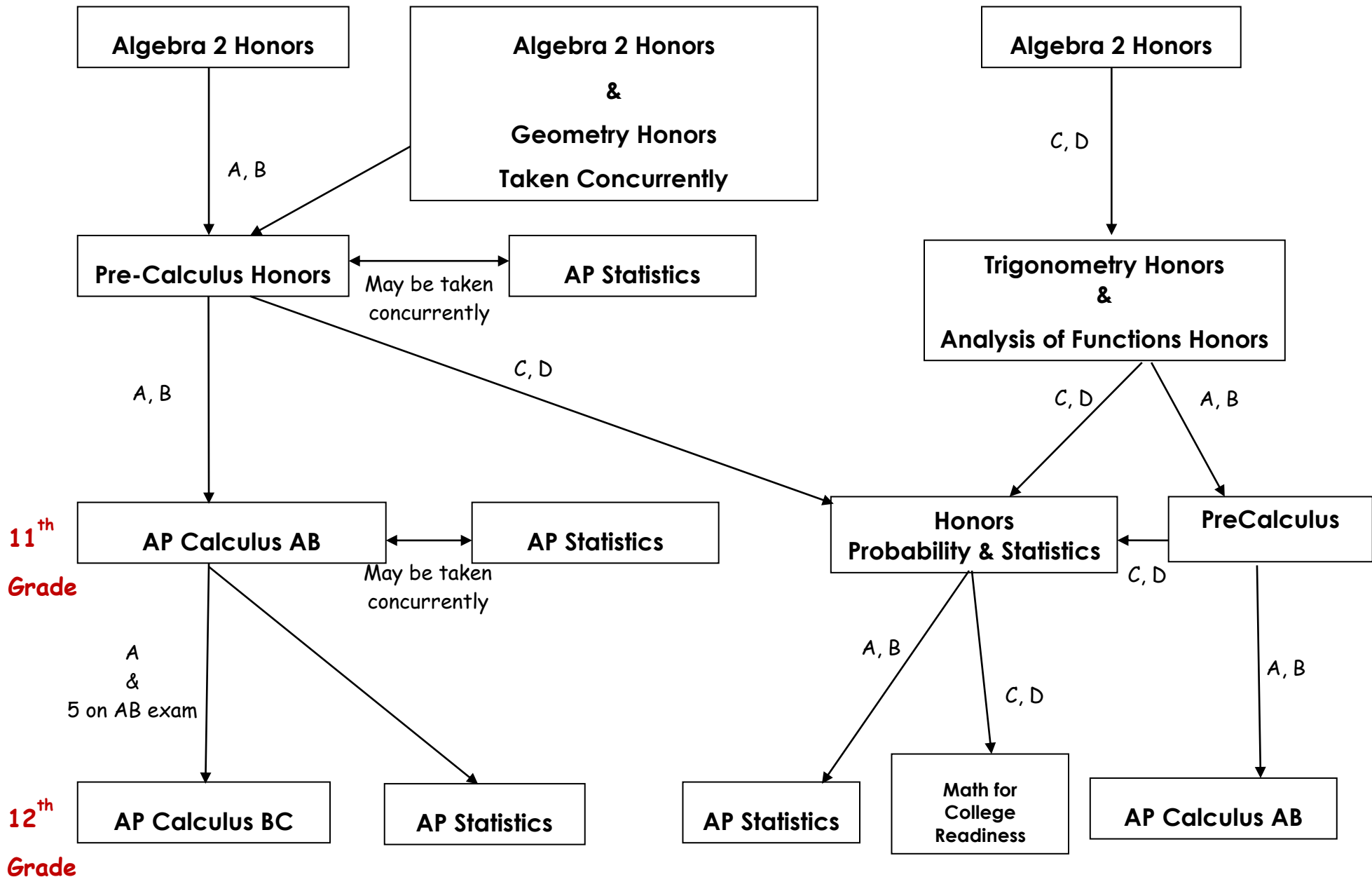
These charts are for students who enter 9<sup>th</sup> grade taking *Geometry Honors*



- ✓ Students who make a "D" in a math course are encouraged to retake the course for forgiveness in addition to taking the next course in line.

## MATH FLOW CHART

These charts are for students who enter 9<sup>th</sup> grade taking *Geometry Honors & Algebra 2 Honors* concurrently



**MATHEMATICS****ALGEBRA 1-A / ALGEBRA 1-B BLOCK****1200370****Grade Level: 9****2 Credits / 2 Periods / Year Long****Prerequisite(s): None**

This class will be given during a two-period block that will allow students to complete both Algebra 1-A and Algebra 1-B during one school year. Students will take Algebra 1-A for two periods first semester, and then take Algebra 1-B for two periods second semester. The two courses combined are equivalent to Algebra 1. At the completion of the Algebra 1-B course, all students will take the state mandated Algebra 1 EOC exam which counts 30% of the student's final grade. Passing the Algebra 1 EOC is required for graduation.

**ALGEBRA 1****1200310****Grade Level: 9****1 Credit / Year Long**

**Prerequisite(s):** ♦ "B" average M/J Math 3 Advanced  
♦ FSA Math Level 3 or higher

This course will be a formal study of symbolic mathematics as a solid foundation for all other academic mathematics. Topics will include the language of algebra, solving equations with one and two variables, polynomials, and factoring functions and graphs. At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student's final grade. Passing the Algebra 1 EOC is required for graduation.

**ALGEBRA 1 HONORS****1200320****Grade Level: 9****Course Weight: 0.5****1 Credit / Year Long**

**Prerequisite(s):** ♦ "A" average M/J Math 3 Advanced  
♦ FSA Math Level 4 or higher  
♦ Current Math Teacher Recommendation

This course gives a rigorous in depth study of algebra and algebraic concepts and processes that can be used to solve a variety of real world mathematical problems. (Students who took Algebra 1 Honors in 8<sup>th</sup> grade and did not receive credit or made a "C" average or below should retake this course.) At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student's final grade. Passing the Algebra 1 EOC is required for graduation.

**GEOMETRY****1206310****Grade Level: 10, 11, 12****1 Credit / Year Long****Prerequisite(s): Algebra 1 or Algebra 1-B**

Geometry will include the language of geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, applications of triangle relationships, quadrilaterals, similarity, right triangles, trigonometry, circles, polygons, area, surface area, volume, coordinate geometry, and transformations. At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student's final grade.

**MATHEMATICS****GEOMETRY HONORS****1206320****Grade Level: 9, 10****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ "A" in Algebra 1 or "B" in Algebra 1 Honors ♦ Algebra EOC 4+****♦ Current Math Teacher Recommendation**

This course gives a rigorous in-depth study of geometry with emphasis on methods of proof and the formal language of mathematics. Geometry will include the language of geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, applications of triangle relationships, quadrilaterals, similarity, right triangles, trigonometry, circles, polygons, area, surface area, volume, coordinate geometry, and transformations. Instruction is rapidly paced for the most advanced math student. At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student's final grade.

**ALGEBRA 2****1200330****Grade Level: 10, 11, 12****1 Credit / Year Long****Prerequisite(s): ♦ "B" in Geometry or Credit in Geometry Honors AND "B" in Algebra 1 or "B" in Algebra 1-A/1-B****♦ Current Math Teacher Recommendation**

This course extends the topics first seen in Algebra 1 and provides advanced skills in algebraic operations. Additionally, linear and quadratic functions and relations, exponential and logarithmic functions, graphing, and sequences and series will be explored.

**ALGEBRA 2 HONORS****1200340****Grade Level: 9, 10, 11****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ "B" in both Geometry Honors AND Algebra 1 Honors ♦ Algebra & Geometry EOC 4+****♦ Current Math Teacher Recommendation**

Algebra 2 Honors gives an in-depth study of the topics of Algebra 2 with emphasis on theory, proof, and development of formulas, as well as their application. This course is for students going on to Pre-Calculus Honors.

**LIBERAL ARTS MATH 1****1207300****Grade Level: 11, 12****1 Credit / Year Long****Prerequisite(s): ♦ "C" or "D" in Geometry with Algebra 1 or Algebra 1-A/1-B Credit**

The purpose of this course is designed to strengthen mathematical skills. Topics included in this course are coordinate geometry, special right triangle relationships, linear equations and inequalities, and basic statistics. This course does not satisfy the math requirement for NCAA eligibility.

**LIBERAL ARTS MATH 2****1207310****Grade Level: 12****1 Credit / Year Long****Prerequisite(s): Liberal Arts Math 1**

The purpose of this course is to continue to strengthen mathematical skills students developed in Liberal Arts Math 1. Topics include linear, exponential, power and polynomials functions as well as complex numbers, geometric and arithmetic sequences and series, and statistics. Students will also learn to apply their math skills in the real world of financial literacy. This course does not satisfy the math requirement for NCAA eligibility.

**MATH FOR COLLEGE READINESS****1200700****Grade Level: 12****1 Credit / Year Long****Prerequisite(s): Credit in Algebra 2**

Most appropriate for students with PERT math scores <123 or ACT math score between 19-22 or SAT math score 440-520. The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra 1, Geometry, and Algebra 2, and who wish to pursue credit generating mathematics courses at the college level. Students must have Algebra 2 credit to enroll in this course.



**MATHEMATICS****AP STATISTICS****1210320****Grade Level: 10, 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): ♦ "A" or "B" in Algebra 2 Honors or Algebra 2 Honors concurrently****♦ Current Math Teacher Recommendation**

Advanced Placement (AP) Statistics is a college level course designed to explore the concept of probability and elementary statistics. Topics included are random experiments, binomial distribution, descriptive statistics, measures of central tendency and variability, normal distributions, t-distributions, Chi-Square, linear regression and statistical applications. Students will take the AP exam at the end of the course which may earn them college credit.

**PRE-CALCULUS HONORS****1202340****Grade Level: 10, 11, 12****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ "B" in Algebra 2 Honors****♦ Current Math Teacher Recommendation**

The purpose of this course is to emphasize the study and functions of other skills necessary for the study of calculus. Students will develop a firm grasp of the underlying mathematical concepts while using algebra as a tool for solving real life problems. Students will use a graphing calculator on a daily basis. This course is designed to prepare you for college calculus or AP Calculus AB.

**TRIGONOMETRY HONORS & ANALYSIS OF FUNCTIONS HONORS****1211300 / 1201315****Grade Level: 10, 11, 12****Course Weight: 0.5****½ Credit Each / Year Long****Prerequisite(s): ♦ "A" in Algebra 2 or "C" in Algebra 2 Honors****♦ Current Math Teacher Recommendation**

**Students taking this course will be enrolled in Trigonometry Honors for the first semester and in Analysis of Functions Honors for the second semester.** The purpose of Trigonometry Honors is to study circular and trigonometric functions and their applications. Analysis of Functions Honors enables students to develop advanced mathematics knowledge and skills in algebra, trigonometry, and statistics and probability, using functions as a unifying theme.

**PROBABILITY AND STATISTICS HONORS****1210300****Grade Level: 11, 12****Course Weight: 0.5****1 Credit Each / Year Long****Prerequisite(s): ♦ "B" in Algebra 2****♦ Current Math Teacher Recommendation**

Data analysis and modeling are incorporated into real-life applications. Probability and Statistics is a semester course designed to introduce the methods used in the field of applied statistics. Emphasis is given to basic concepts and techniques for collecting and analyzing data, drawing conclusions, and making predictions.

**AP CALCULUS AB****1202310****Grade Level: 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): ♦ "B" average in Pre-Calculus Honors****♦ Current Math Teacher Recommendation**

Advanced Placement (AP) Calculus AB consists of a full academic year of work in calculus and related topics comparable to a college calculus course. Most of the year's course will be devoted to topics in differential and integral calculus. Students are expected to solve problems in a variety of ways as required by the AP Calculus program: graphically, numerically, analytically and verbally. Students will take the AP exam at the end of the course which may earn them college credit.



## MATHEMATICS

### AP CALCULUS BC

**1202320**

**Grade Level: 12**

**Course Weight: 1.0**

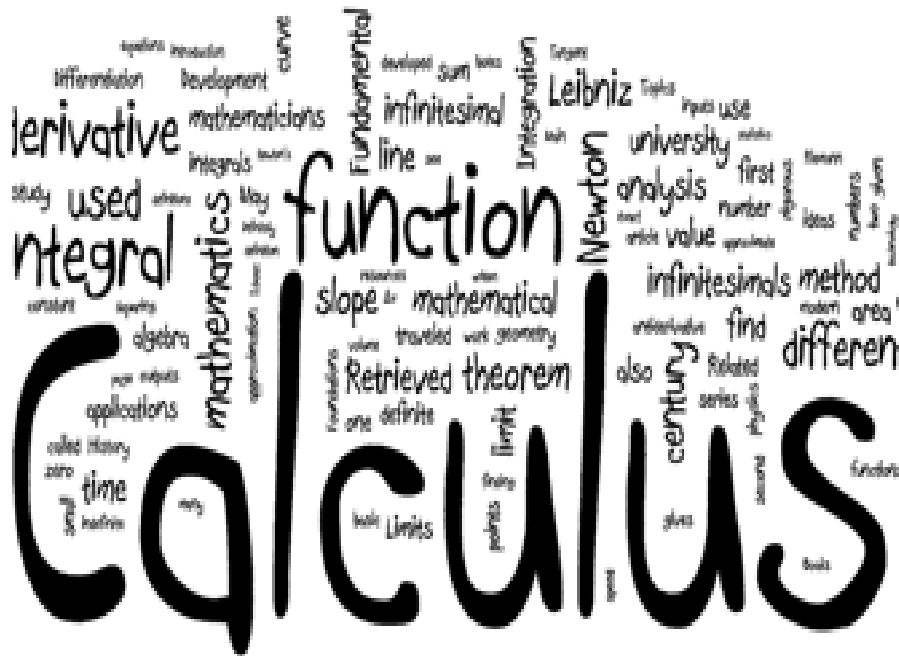
**1 Credit / Year Long**

**Prerequisite(s): "A" average in AP Calculus AB and a "5" on the AP Calculus AB exam**

**♦ Current Math Teacher Recommendation**

Advanced Placement (AP) Calculus BC main topics include limits, derivatives, integration and graphing of these functions from the AB exam. In addition, there will be further concepts of differentiation and integration as well as applications of parametric equations, polar equations, sequences, series, vectors (velocity & acceleration), L'Hopital's Rule and Euler method. Students are expected to solve problems in a variety of ways as required by the AP Calculus program: graphically, numerically, analytically and verbally. Students will take the AP exam at the end of the course which may earn them college credit.

AP



**SCIENCE FLOW CHART**

<b>9<sup>th</sup> Grade</b>	<b>Integrated Science</b>  Option #1	<b>Biology 1</b>  Options #2 - #3	<b>Biology 1 Honors</b>  Options #2 - #6	<b>AP Environmental Science</b> (Biology 1 Honors concurrently) Options #3 - #6
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	#1	#2	#3	#4	#5	#6
<b>10<sup>th</sup> Grade</b>	<b>Biology 1</b>	<b>Physical Science</b>	<b>Chemistry 1</b>	<b>Chemistry 1 Honors</b>	<b>AP Physics 1</b>	<b>AP Environ. Science</b>
<b>11<sup>th</sup> Grade</b>	Chemistry 1 or Earth/Space Science	Chemistry 1 or Earth/Space Science	Anatomy & Physiology Honors or Earth/Space Science	Anatomy & Physiology Honors or Earth/Space Science Honors	Anatomy & Physiology Honors or Chemistry 1 Honors	Anatomy & Physiology Honors or Chemistry 1 Honors
<b>&amp;</b>	Anatomy & Physiology Honors or Marine Sci*	Anatomy & Physiology Honors or Marine Sci*	Earth/Space Science Honors or Marine Sci*	AP Biology or AP Chemistry	Earth/Space Science Honors or AP Biology	Earth/Space Science Honors or AP Biology
<b>12<sup>th</sup> Grade</b>	Marine Sci Honors*	Marine Sci Honors*	Marine Sci Honors*	AP Environ. Science or AP Physics 1 or AP Physics 2 or Marine Sci Honors*	AP Biology or AP Chemistry or AP Environ. Science or AP Physics 2 or AP Physics C or Marine Sci Honors*	AP Biology or AP Chemistry or AP Physics 1 or AP Physics 2 or Marine Sci Honors*

\* = 12<sup>th</sup> Grade Only

Check Pre-Requisites for each course

**SCIENCE****INTEGRATED SCIENCE 1** **2002400****Grade Level: 9 ONLY****1 Credit / Year Long****Prerequisite(s): FSA Reading Level 1**

This course is designed to introduce students to the concepts that will be taught in biology and chemistry. Students will take this course in 9<sup>th</sup> grade only, before they take biology. Placement in this course will be based on their 8<sup>th</sup> Grade FSA Reading scores.

**BIOLOGY 1** **2000310****Grade Level: 9 or 10 (if Integrated Science was taken in 9<sup>th</sup>)****1 Credit / Year Long****Prerequisite(s): None**

The purpose of this course is to provide exploratory experiences with laboratory and real-life applications in the biological sciences to include the nature of science, processes of life, ecology, genetics, and human systems. At the completion of this course, all students will take the state mandated exam which counts 30% of the student's final grade.

**BIOLOGY 1 HONORS** **2000320****Grade Level: 9****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ Algebra 1 Honors (or higher) concurrently**♦ **FSA Math Level 3 or higher**♦ **FSA Reading Level 3 or higher**♦ **Current Science Teacher Recommendation**

The purpose of this course is to provide exploratory experiences with laboratory and real-life applications in the biological sciences to include the nature of science, processes of life, ecology, genetics, and human systems. Rigorous course content includes: laboratory and dynamic collaboration activities to investigate the environment and ecosystems, cellular biology, classification and taxonomy, basic genetics, structure and function of plants, structure and function of animals, and human anatomy. At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student's final grade. **All Honors Biology students will be required to complete a Science Fair Project OR an independent research paper first semester.**

**AP BIOLOGY** **2000340****Grade Level: 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): ♦ "B" average in both Biology 1 Honors & Chemistry 1 Honors**♦ **4 or higher on FSA ELA**♦ **Current Science Teacher Recommendation**

Advanced Placement (AP) Biology is equivalent to a two-semester college biology course that includes eight major themes: science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science, technology, and society. Students will take the AP exam at the end of the course which may earn them college credit.

**CHEMISTRY 1** **2003340****Grade Level: 10, 11, 12****1 Credit / Year Long****Prerequisite(s): ♦ "B" in Algebra 1; Geometry (or higher) concurrently**♦ **"B" in Biology 1 or "C" in Biology 1 Honors**♦ **Current Science Teacher Recommendation**

The purpose of this course is to provide a college-preparatory curriculum that includes the concepts of measurement, the nature and structure of matter, chemical reactions, balancing equations, chemical calculations, states of matter, and nuclear chemistry. Emphasis is placed on laboratory experiences and the development of problem solving skills.

**SCIENCE****CHEMISTRY 1 HONORS****2003350****Grade Level: 10, 11, 12****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s):** ♦ **“A” in Algebra 1 Honors**

- ♦ **Geometry Honors (or higher) concurrently / Algebra 2 Honors strongly recommended**
- ♦ **“B” in Biology 1 Honors**
- ♦ **Current Science Teacher Recommendation**

The purpose of this course is to provide a college-preparatory curriculum that includes the concepts of: measurement and calculations; the nature and structure of matter and energy; elements, atoms, and ions; nomenclature; chemical bonding; states of matter; acids and bases; reaction equilibrium and kinetics; solutions; and nuclear reactions. Emphasis is placed on laboratory experiences and the development of problem solving skills. This rigorous course will prepare students to enter upper level honors and AP courses.

**AP CHEMISTRY****2003370****Grade Level: 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s):** ♦ **“A” average in both Chemistry 1 Honors & Algebra 2 Honors**

- ♦ **Pre-Calculus (or higher) concurrently**
- ♦ **Current Science Teacher Recommendation**

Advanced Placement (AP) Chemistry is a college-level course that provides students with a detailed study of the fundamental topics of general chemistry and is highly recommended for high achieving college-bound students. Emphasis is placed on practical laboratory exercises, critical thinking, and independent study, with a strong focus on mathematical analysis of concepts. Students will take the AP exam at the end of the course which may earn them college credit.

**PHYSICAL SCIENCE****2003310****Grade Level: 10, 11, 12****1 Credit / Year Long****Prerequisite(s): None**

The purpose of this course is to provide a study of the concepts of the nature and structure of matter, atoms and the periodic table, chemical reactions, motion, forces, energy, sound and magnetism. Concepts of chemistry and physics will be introduced. Activities and investigations incorporate the use of measurement, problem solving and experimentation. This course is a preparatory course for Chemistry 1 and/or Physics 1.

**AP PHYSICS 1****2003421****Grade Level: 10, 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s):** ♦ **Algebra 2 (or higher) concurrently**

- ♦ **Current Science Teacher Recommendation**

Advanced Placement (AP) Physics 1 is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits. Emphasis on labs. Because these courses are intended to be yearlong courses, we have time to foster deeper conceptual understanding through student-centered, inquiry based instruction. Highly recommended for anyone interested in a career in engineering, mathematics, architecture, medical field or other high level STEM field. Students will take the AP exam at the end of the course which may earn them college credit.



<b>SCIENCE</b>
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**AP PHYSICS 2****2003422****Grade Level: 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): ♦ AP Physics 1****♦ AP Physics 1 Teacher Recommendation**

Advanced Placement (AP) Physics 2 is the equivalent of the second semester of an introductory algebra-based, college-level physics course. Because these courses are intended to be yearlong courses, we have time to foster deeper conceptual understanding through student-centered, inquiry based instruction. Students explore principles of quantum physics, nuclear physics, modern physics, fluids, thermodynamics, electricity, magnetism, and optics. Highly recommended for anyone interested in a career in engineering, mathematics, architecture, medical field or other high level STEM field. Students will take the AP exam at the end of the course which may earn them college credit.

**AP PHYSICS C****AP PHYSICS C: ELECTRICITY AND MAGNETISM & AP PHYSICS C: MECHANICS****2003430****Grade Level: 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): AP Physics Teacher Recommendation**

Advanced Placement (AP) Physics C is a college-level course that studies mechanics, electricity, and magnetism. This course utilizes guided inquiry and student centered learning to foster the development of critical thinking skills and introductory differential and integral calculus throughout the course. AP Physics C: Mechanics studies kinematics; Newton's law of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. AP Physics C: Electricity and Magnetism studies electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Students will take the AP exam at the end of the course which may earn them college credit.

**EARTH/SPACE SCIENCE****2001310****Grade Level: 11, 12****1 Credit / Year Long****Prerequisite(s): None**

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history, and environment in space. Course content includes: the nature of science, stars and our solar system, space exploration, geology of the Earth, weathering and erosion, meteorology, and energy resources.

**EARTH/SPACE SCIENCE HONORS****2001320****Grade Level: 11, 12****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): ♦ Chemistry 1****♦ 3 or higher on 10<sup>th</sup> Grade FSA ELA****♦ Current Science Teacher Recommendation**

The purpose of this course is to develop and apply concepts basic to the Earth, and its material, the processes, history, and environment in space. Course content includes: the nature of science, stars and our solar system, space exploration, galaxies, geology of the Earth, weathering and erosion, meteorology, oceanography and energy resources.

**AP ENVIRONMENTAL SCIENCE****2001380****Grade Level: 9, 10, 11, 12****Course Weight: 1.0****1 Credit / Year Long****Prerequisite(s): ♦ Enrolled concurrently or have completed Biology 1 Honors****♦ Current Science Teacher Recommendation**

Advanced Placement (AP) Environmental Science is a college-level course that provides students the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will take the AP exam at the end of the course which may earn them college credit.



<b>SCIENCE</b>
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**ANATOMY & PHYSIOLOGY HONORS****2000360****Grade Level: 11, 12****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s):** ♦ "B" in Biology 1♦ 3 or higher on 10<sup>th</sup> Grade FSA ELA♦ **Current Science Teacher Recommendation**

The purpose of this course is to introduce students to the human body's structure and function (anatomical terminology and the chemistry necessary to understand the physiology of the human body). Course content includes: cells, tissue types, body systems (such as skeletal, muscular, nervous, cardiovascular, etc.), multi-system interactions and physiology, and homeostasis. Laboratory experiences include dissections and investigation of selected body systems.

**MARINE SCIENCE 1****2002500****Grade Level: 12****1 Credit / Year Long****Prerequisite(s): None**

The purpose of this course is to study the living organisms of the sea and their environment. Course content includes oceanography, production and consumption of food, energy exchanges and life cycles of organisms and adaptations. This course will be divided into Oceanography and Marine Biology.

**MARINE SCIENCE 1 HONORS****2002510****Grade Level: 12****Course Weight: 0.5****1 Credit / Year Long****Prerequisite(s): Current Science Teacher Recommendation**

The purpose of this course is to study the living organisms of the sea and their environment. Course content includes oceanography, production and consumption of food, energy exchanges and life cycles of organisms and adaptations. This course will be divided into Oceanography and Marine Biology. Students taking Marine Science Honors will be required to complete a capstone project due at the end of the year. Students in Marine Science will be expected to participate in field trips.

<b>SOCIAL STUDIES</b>
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**Pre-AP GEOGRAPHY****2103420****Grade Level: 9****Course Weight: 0.5    1 SOCIAL STUDIES ELECTIVE Credit / Year Long****Prerequisite(s): None**

This honors level course covers the same curriculum as World Culture Geography but is designed for students who are on a college preparatory path. In addition, students will be given an opportunity to develop an understanding of the relationship between physical and human (cultural) geography. Students will think critically, read analytically, and write objectively about geographic topics in preparation for future honors and advanced placement courses.

**SOCIAL STUDIES****AP HUMAN GEOGRAPHY****2103400****Grade Level: 9****Course Weight: 1.0 1 SOCIAL STUDIES ELECTIVE Credit / Year Long****Prerequisite(s): ♦ Minimum “B” average in 8<sup>th</sup> grade Social Studies****♦ Current Social Studies Teacher Recommendation**

Students in Advanced Placement (AP) Human Geography will be exposed to a challenging college-level curriculum. Specifically, AP Human Geography is the study of people from a spatial and ecological perspective. Students will think critically, read analytically, and write objectively about human geography topics in preparation for future advanced placement courses. Students will use a college textbook and follow a curriculum developed by college professors. Students will take the AP exam at the end of the course which may earn them college credit. **Please note that due to different curriculum standards, AP Human Geography and Pre-AICE Geography do not parallel each other in pacing or content.**

**AP****WORLD HISTORY HONORS****2109320****Grade Level: 10****Course Weight: 0.5****1 WORLD HISTORY Credit / Year Long****Prerequisite(s): ♦ Minimum “B” average in Pre-AICE Geography****♦ Current Social Studies Teacher Recommendation**

This honors level course is a survey of world history divided into two semesters. First semester will study history and culture from the Byzantine Empire to the Age of Enlightenment. Second semester will advance from the Age of Enlightenment to the present (Global Interdependence). Included in the content will be a mandated unit of study on the Holocaust. This course requires advanced reading and writing skills for the rigor of the material.

**AP WORLD HISTORY****2109420****Grade Level: 10****Course Weight: 1.0****1 WORLD HISTORY Credit / Year Long****Prerequisite(s): ♦ Minimum “B” average in AP Human Geography or Pre-AICE Geography****♦ Current Social Studies or English Teacher Recommendation**

The Advanced Placement (AP) World History course is an intense study of historical development and an examination of the relationship of change and continuity across the periods of world history. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to understand how global communities evolved. This course will emphasize note taking and requires excellent reading and writing skills. Students will take the AP exam at the end of the course which may earn them college credit. **Please note that due to different curriculum standards, AP World History and World History Honors do not parallel each other in pacing or content.**

**AP****U.S. HISTORY****2100310****Grade Level: 11****1 U.S. HISTORY Credit / Year Long****Prerequisite(s): None**

This course is a survey of the historical development of America with special emphasis on America's economic and political changes from 1860 to the present. The student will study the recurring themes in our history – equal opportunity for all under the law, belief in reform rather than revolution, concern for the welfare of others, tolerance of minority differences, and knowledge of our responsibility to the people of the world. At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student's final grade.



**SOCIAL STUDIES****U.S. HISTORY HONORS****2100320****Grade Level: 11****Course Weight: 0.5****1 U.S. HISTORY Credit / Year Long**

**Prerequisite(s):** ♦ **Minimum “B” average in World History Honors or World History**  
 ♦ **Current Social Studies Teacher Recommendation**

This honors course covers the same curriculum as American History but is designed for students who are on a college preparatory path. Advanced reading and writing skills are required for the rigor of the material. At the completion of this course, all students will take the state mandated EOC exam which counts 30% of the student’s final grade.

**AP U.S. HISTORY****2100330****Grade Level: 11****Course Weight: 1.0****1 U.S. HISTORY Credit / Year Long**

**Prerequisite(s):** ♦ **Minimum “B” average in Honors World History or minimum “C” average in AP World History**  
 ♦ **Current Social Studies Teacher Recommendation**

The Advanced Placement (AP) U.S. History course is a survey of the historical development of America with special emphasis on America’s economic and political development. The first semester includes topics from the discovery of the new world through the Civil War and Reconstruction. The second semester traces the development of the nation from the Civil War to the present. This course will emphasize note taking and requires excellent reading and writing skills. Students will take the AP exam at the end of the course which may earn them college credit. **Please note that due to different curriculum standards, AP U.S. History and U.S. History Honors do not parallel each other in pacing or content.**

**ECONOMICS****2102335****Grade Level: 12****½ ECONOMICS Credit / 1 Semester****Prerequisite(s): None**

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

**ECONOMICS HONORS****2102345****Grade Level: 12****Course Weight: 0.5****½ ECONOMICS Credit / 1 Semester**

**Prerequisite(s):** ♦ **Honors English or previous Honors Social Studies credit**  
 ♦ **Current Social Studies Teacher Recommendation**

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

**AP U.S. GOVERNMENT & POLITICS****2106420****Grade Level: 12****Course Weight: 1.0****½ U.S. GOVERNMENT Credit / 1 Semester**

**Prerequisite(s):** ♦ **Minimum “B” average in Honors US History or minimum “C” average in AP US History**  
 ♦ **Current Social Studies Teacher Recommendation**

The Advanced Placement (AP) course in U.S. Government & Politics will give students an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. policies and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. Students will take the AP exam at the end of the course which may earn them college credit.



**SOCIAL STUDIES**

**AP ECONOMICS**

**(AP MACROECONOMICS & AP MICROECONOMICS)**

**2102365 / 2102370**

**Grade Level: 12**

**Course Weight: 1.0**

**1 ECONOMICS Credit / Year Long**

**Prerequisite(s):** ♦ “B” average in Algebra 2

- ♦ Suggested to have successfully taken prior AP Course
- ♦ Current Social Studies Teacher Recommendation

This full-year course is designed to give students a thorough knowledge and understanding of the economic principles that apply to an economic system as a whole. This rigorous, college-level course will explore the foundational concepts of both microeconomic and macroeconomic. The students will learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. The course directly incorporates the use of Microsoft Excel to prepare graphs and charts. First semester AP Microeconomic topics will include introducing the cost-benefit analysis that is the “economic way of thinking” and understand smaller segments of the economy, including consumers and producers, their interaction in output and resource markets, and the impact of government policies. Second semester AP Macroeconomic topics will include such as measures of economic performance, macroeconomic theory and policies, and international economics. 3-for-1 certification plan. Students will be prepared to earn two separate college credits by taking separate AP Microeconomics and AP Macroeconomics exams. In addition, **students will prepare to earn Microsoft Office Specialist certification for Excel.**



**U.S. GOVERNMENT**

**2106310**

**Grade Level: 12**

**½ U.S. GOVERNMENT Credit / 1 Semester**

**Prerequisite(s): None**

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society. Emphasis will be placed on gaining an understanding of the United States Constitution.

**U.S. GOVERNMENT HONORS**

**2106320**

**Grade Level: 12**

**Course Weight: 0.5**

**½ U.S. GOVERNMENT Credit / 1 Semester**

**Prerequisite(s):** ♦ Honors English or previous Honors Social Studies credit

- ♦ Current Social Studies Teacher Recommendation

The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content will include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

**PERSONAL FINANCIAL LITERACY HONORS.....**

**2102374**

**Grade Level : 9, 10, 11, 12**

**Course Weight: 0.5**

**1 Semester**

This is the class for which you have been asking! Are you planning now on how to prepare for your future expenses? Do you have questions about checking accounts? When is it safe to use your debit card? What about paying rent or buying a house? Should you get a credit card? What do you need to know about your credit score? The questions never end!

Financial literacy will answer these questions, help build a healthy skepticism of advertising, and help develop personal responsibility in regards to finance.

This course is divided between instruction and class discussion with online lessons. YES! Financial literacy will meet your online requirement for graduation.

**SOCIAL STUDIES****AP ART HISTORY****0100300****Grade Level: 10, 11, 12****Course Weight: 1.0****1 FINE ARTS Credit / Year Long****Prerequisite(s): Current Social Studies Teacher Recommendation**

Advanced Placement (AP) Art History introduces students to the appreciation of works of art, the intelligent examination of works of art, and to the major forms of artistic expression in Western art from prehistoric to the present. Notebook required. Students may earn college credit by qualifying on the AP exam given at the end of the course. Students will take the AP exam at the end of the course which may earn them college credit.

**AP EUROPEAN HISTORY****2109380****Grade Level: 11, 12****Course Weight: 1.0****1 SOCIAL STUDIES ELECTIVE Credit / Year Long****Prerequisite(s): ♦ World History Honors**

- ♦ **Minimum “B” average in Honors World History or minimum “C” average in AP World History**
- ♦ **Current Social Studies Teacher Recommendation**

The Advanced Placement (AP) European History course is a study of European history since 1450. It introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. Students will take the AP exam at the end of the course which may earn them college credit.

**LAW STUDIES****2106350****Grade Level: 10, 11, 12****½ ELECTIVE Credit / 1 Semester****Prerequisite(s): None**

This course will focus on the American legal system. It will help students to examine those laws that impact citizens' lives as well as provide an introduction to fundamental civil and criminal procedures. Students will: examine the role of lawyers, law enforcement officers, correction officers, and court officials; analyze the adult criminal justice system and the juvenile criminal justice system; investigate the causes and consequences of crime among diverse culture groups in the legal system; understand how civil and criminal laws are made at the federal, state and local levels; and examine career opportunities in the legal system. Guest speakers, videos, and the Internet will be utilized to enhance the text content

**PSYCHOLOGY****2107300****Grade Level: 10, 11, 12****½ SOCIAL STUDIES ELECTIVE Credit / 1 Semester****Prerequisite(s): None**

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, sensation and perception, states of consciousness and mental health.

**AP PSYCHOLOGY****2107350****Grade Level: 11, 12****Course Weight: 1.0****1 SOCIAL STUDIES ELECTIVE Credit / Year Long****Prerequisite(s): ♦ World History Honors**

- ♦ **Minimum “C” average in Honors English II or minimum “B” average in English II**
- ♦ **Current Social Studies or English Teacher Recommendation**

The Advanced Placement (AP) Psychology course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the methods psychologists use in their science and practice. Students will take the AP exam at the end of the course which may earn them college credit.





**PHYSICAL EDUCATION**

**0.5 credits in Personal Fitness\* AND 0.5 credits in a Physical Education (PE) activity elective are necessary to meet state graduation PE requirements\*\*.**

FWBHS offers a number of 0.5 credits PE activity electives that can be used to meet graduation requirements. In addition to these courses, there are some activities that will meet the required 0.5 PE skills portion. Those activities are mentioned in the statements below:

1. Completion of one semester of Marching Band with a passing grade of "C" replaces the 0.5 credit of the PE activity elective. The student must still take the Personal Fitness class (0.5 credit) to complete the 1.0 credit in PE.
2. Participation in a Dance class satisfies the 0.5 credit of the PE activity elective. The student must still take the Personal Fitness class (0.5 credit) to complete the 1.0 credit in PE.
3. Completion of two years in a R.O.T.C. class satisfies the 0.5 credit of the PE activity elective. The student must still take the Personal Fitness class (0.5 credit) to complete the 1.0 credit in PE.

\*There are several Dual Enrollment courses that will satisfy the 0.5 credits for Personal Fitness. To view please visit: <http://www.fldoe.org/articulation/pdf/DEList.pdf>

**PERSONAL FITNESS 1501300**  
**Grade Level: 9, 10, 11, 12 ½ Credit / 1 Semester**

**Prerequisite(s): None**  
 The purpose of this course is to acquire knowledge of physical fitness concepts, understand the influence of lifestyle on health and fitness and to begin to develop an optimal level of fitness. Part of the semester is spent in the classroom and part outdoors. **This course is required for graduation and is NOT considered a PE activity elective.**

**PERSONAL FITNESS – BLENDED CLASS PE00001**  
**Grade Level: 9, 10, 11, 12 ½ Credit / 1 Semester**

**Prerequisite(s): None**  
 Through completion of this course students will meet the state graduation requirement of virtual learning. 100% of both the physical and academic components of the class will be taught and completed at FWBHS. Students will experience the benefits of regular physical activity, proper nutrition, and sound decision making. Students will assess their current physical condition and define their personal goals in order to apply fitness training principles to improve health and skill-related areas of fitness. **This course is required for graduation and is NOT considered a PE activity elective. This course meets**

**ONLINE Graduation Requirement as well! Please don't sign up for this version if you already have met your online requirement.**



<b>PHYSICAL EDUCATION</b>
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**GENERAL PHYSICAL EDUCATION ELECTIVE****(COMPREHENSIVE FITNESS)****1501390****Grade Level: 9, 10, 11, 12****½ Credit / 1 Semester****Prerequisite(s): None**

This course will include but not be limited to aerobics, volleyball, castle ball, team handball, basketball, fitness, four square, badminton, flag football, softball, soccer, speed ball, team handball, outdoor volleyball, and bocce ball. During certain periods of the school year, the weather may dictate the availability of facilities. Physical fitness activities will be held either inside or outside. **This course is considered a PE activity elective.**

**ARCHERY****1502460****Grade Level: 9, 10, 11, 12****½ Credit / 1 Semester****Prerequisite(s): None**

This course is intended to offer students a Physical Education class that will promote a lifetime activity in Archery. All equipment will be provided. Students will become proficient in both performing and teaching specific skills related to this sport including techniques and rules related to this sport including techniques and rules related to this sport. Classes will require a lab fee of \$25. **This course is considered a PE activity elective.**

**BASKETBALL****1503310****Grade Level: 9, 10, 11, 12****½ Credit / 1 Semester****Prerequisite(s): None**

The purpose of this course is to provide students opportunities to acquire knowledge of the game and learn the basic skills needed to play basketball. This course will enhance the student's enjoyment level of the game, and maintain and/ or improve their personal fitness. **This course is considered a PE activity elective. This class is not for members of the basketball team.**

**BOWLING****(RECREATIONAL ACTIVITIES)****1502470****Grade Level: 9, 10, 11, 12****½ Credit / 1 Semester****Prerequisite(s): None**

This class offers the opportunity to learn a life-long sport. Students will be transported by bus to White Sands Bowling Center, where they will learn how to bowl, keep score, and compete with sportsmanship. Students will have a great time, no matter how experienced they are at the sport. A \$40.00 fee covers rental of shoes, ball and bus transportation. **This course is considered a PE activity elective.**

**VOLLEYBALL (FALL)****1505500****Grade Level: 9, 10, 11, 12****½ Credit / 1 Semester****Prerequisite(s): None**

This course is intended to offer all students a Physical Education class that will promote a lifetime activity in Volleyball. This class will address both indoor and Sand Volleyball. Students will become proficient in performing and teaching specific skills related to this sport including techniques and rules related to this sport. **This course is considered a PE activity elective.**

**PHYSICAL EDUCATION**

**WEIGHT TRAINING**

**WEIGHT TRAIN 1** **1501340**

**WEIGHT TRAIN 2** **1501350**

**Grade Level: 9, 10, 11, 12** **½ Credit Each / 1 Semester Each**

**Prerequisite(s): None**

The purpose of this course is to provide students with opportunities to acquire knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life, improve muscular strength and endurance, and enhance body image. **These courses are considered a PE activity elective.**

**CARE & PREVENTION OF ATHLETIC INJURIES** **1502490**

**Grade Level: 9, 10, 11, 12** **½ Credit / 1 Semester**

**Prerequisite(s): None**

This course is designed to introduce the necessary skills and competencies required for treatment of basic athletic injuries. This course will include the study of modern theories and principles of athletic training mechanisms as well as the nature and causes of the most common sports-related injuries. Upon completion of this course the student will be able to identify the major and minor injuries that may occur through sports participation, evaluate sports injuries and recommend care, explain methods and techniques for injury prevention in athletics, describe the etiology of athletic injuries, and demonstrate proper care and treatment for various athletic injuries. **This course is considered a PE activity elective.**



**JV & VARSITY ATHLETIC TEAM SPORTS:**

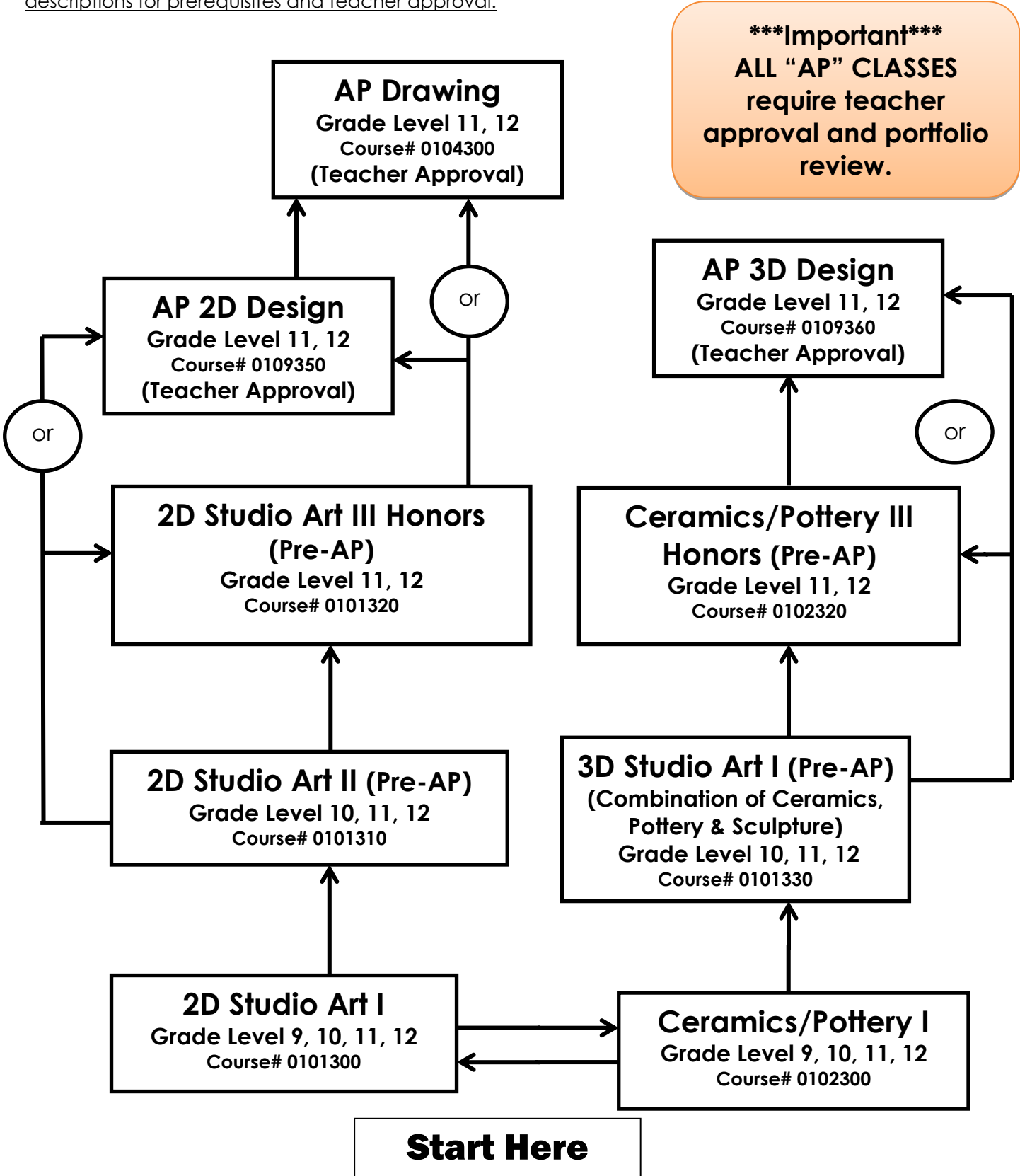
If you will be playing on a Fort Walton Beach High School Athletic Team you should sign up for the class identified with the sport. **Baseball, Basketball (Boys & Girls), Football, and Softball are yearlong courses and will count as a 1.0 Physical Education activity elective credit.**

When filling out your registration form please write which sport you will be playing under STUDENT COURSE REQUEST. No Course number will be needed.

Year-long Courses / 1.0 PE Elective Credit
<p><b>Baseball</b>  <b>Basketball (Boys &amp; Girls)</b>  <b>Football</b>  <b>Softball</b></p>

**ART**

There are 3 AP Studio Art Classes (AP Drawing, AP 2D Design and AP 3D Design) offered for students who are interested in earning college credit. The flow chart illustrates the route a student needs to follow in order to take AP Art classes. The flowchart also shows the path a student who does not wish to do AP Art but would want to take an advanced level class or just take art classes to experience creating all kinds of art. Refer to course descriptions for prerequisites and teacher approval.





**ART**

**Please NOTE for ALL Art Courses:** Courses incorporate hands-on activities and consumption of art materials. Some materials provided by student. A \$20 supply donation is also appreciated.

**2-DIMENSIONAL STUDIO ART 1****0101300****Grade Level:** 9, 10, 11, 12**1 FINE ARTS Credit / Year Long****Prerequisite(s):** None

2-Dimensional Art 1 is a beginning level art class where students are encouraged to use their imagination and creativity. Students experiment with the media and techniques used to create a variety of two dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural Elements of Art to improve mark making and/or the organizational Principles of Design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This class is required before moving to any of the other two-dimensional (2-D) art classes.

**2-DIMENSIONAL STUDIO ART 2(Pre-AP)****0101310****Grade Level:** 10, 11, 12**1 FINE ARTS Credit / Year Long****Prerequisite(s):** ♦ 2-Dimensional Studio Art 1

♦ Art Teacher Approval (students can submit a portfolio of their work to see if they qualify for this class, skipping 2D Studio Art 1)

2-D Studio Art 2 is an intermediate level course where students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Students sketch, manipulate, and refine the structural Elements of Art to improve mark-making and/or the organizational Principles of Design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. In this course students can begin the process of building their portfolio for AP 2-D Design Studio Art.

**2-DIMENSIONAL STUDIO ART 3 HONORS (Pre-AP)****0101320****Grade Level:** 11, 12**Course Weight:** 0.5**1 FINE ARTS Credit / Year Long****Prerequisite(s):** ♦ 2-Dimensional Studio Art 2

♦ Art Teacher Approval

2-D Studio Art 3 Honors is an advanced level course where students demonstrate proficiency in the conceptual development of content in drawing, painting, printmaking, collage, and/or design to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. In this course students begin the process of creating art for the AP 2-D Design Studio Art portfolio.

**AP STUDIO ART: 2-D DESIGN PORTFOLIO****0109350****Grade Level:** 11, 12**Course Weight:** 1.0**1 FINE ARTS Credit / Year Long****Prerequisite(s):** ♦ 2-Dimensional Studio Art 2

♦ Art Teacher Approval

This is an advanced level studio art course comparable to a college art class. Emphasis is in creating a strong visual art portfolio to be presented to The College Board to help students earn AP credit. The 2-D Design Portfolio is intended to address purposeful decision making about using the Elements and Principles of Art in an integrative way. Students should be able to work independently in creating their art. Any 2-D process or medium may be submitted, including, but not limited to graphic design, digital imaging, photography, collage, fabric design, fashion design, illustration, painting, printmaking, etc.



## ART

**Please NOTE for ALL Art Courses:** Courses incorporate hands-on activities and consumption of art materials. Some materials provided by student. A \$20 supply donation is also appreciated.

### **AP STUDIO ART: DRAWING PORTFOLIO**

**0104300**

**Grade Level:** 11, 12

**Course Weight:** 1.0

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ 2-Dimensional Studio Art 2 or Art 3 Honors

♦ Art Teacher Approval

This is an advanced level studio art course comparable to a college art class. Emphasis is in creating a strong visual art portfolio to be presented to The College Board at the end of the year. This course will utilize guidelines created by the College Board to help students earn AP credit. The Drawing Portfolio is intended to address a wide range of approaches and media. Line quality, light and shade, render of form, composition, surface manipulation, the illusion of depth and mark-making and drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Students should be able to work independently in creating their art. Abstract, observational and inventive works may be submitted.

AP

### **CERAMICS/POTTERY 1**

**0102300**

**Grade Level:** 9, 10, 11, 12

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** None

Ceramics is a beginning level course that introduces the student to the four basic modeling methods in clay. Students will use these methods to create functional and non-functional pieces. Students will also learn the Elements of Art and Principles of Design in order to achieve a basic level of drawing and learn how the Elements and Principles are used in creating 3-D art. Students are required to keep a sketchbook to record their ideas through drawings and to keep a record of what glazes and techniques were used in creating their art. Students are encouraged to use their imagination and creativity to develop their ideas in making their art pieces. Daily cleaning of tools and work area is expected



Pottery

### **3-Dimensional Studio Art 1 (Pre-AP)**

**0101330**

**Grade Level:** 10, 11, 12

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Ceramics/Pottery 1

♦ Ceramics Teacher Approval

3-D Studio Art 1 is a combination of ceramics/pottery and sculpture. Students explore how space, mass, balance and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to ceramics, sculpture, or building arts. Media may include, but are not limited to, clay, wire, plaster, paper, found objects, and other materials. Students explore engagement with space, reflecting craftsmanship and quality in the structural qualities of the completed art forms. Students will be introduced to wheel throwing during the 2<sup>nd</sup> semester of this course. Emphasis will be placed on the use of visual, spatial and compositional concepts to communicate a range of ideas. This course incorporates hands-on activities and consumption of a wide variety of quality art materials. Students are required to keep a sketchbook to record their ideas used in creating and developing their art. This course will prepare the student for Advanced Placement 3-D Art Studio. Daily cleaning of tools and work area are expected.

## ART

**Please NOTE for ALL Art Courses:** Courses incorporate hands-on activities and consumption of art materials. Some materials provided by student. A \$20 supply donation is also appreciated.

### **CERAMICS/POTTERY 3 HONORS**

**0102320**

**Grade Level:** 11, 12

**Course Weight:** 0.5

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Ceramics/Pottery I and 3D Studio Art 1

♦ Ceramics Teacher Approval

Ceramics/Pottery 3 is an advanced level course where the student designs and creates functional and non-functional clay pieces through a variety of hand-building techniques and wheel throwing. Students explore how space, mass, balance and form combine to create aesthetic and/or utilitarian pieces. Students will research a variety of pottery styles and techniques as directed by the instructor. Students should be able to work independently in producing their clay pieces. Students are required to keep a sketchbook that illustrates their ideas and concepts. Students are expected to create a portfolio of their work through the use of digital photography. This course will prepare the student for Advanced Placement 3-D Art Studio. Daily cleaning of tools and work area are expected.

### **AP STUDIO ART: 3-D DESIGN PORTFOLIO**

**0109360**

**Grade Level:** 11, 12

**Course Weight:** 1.0

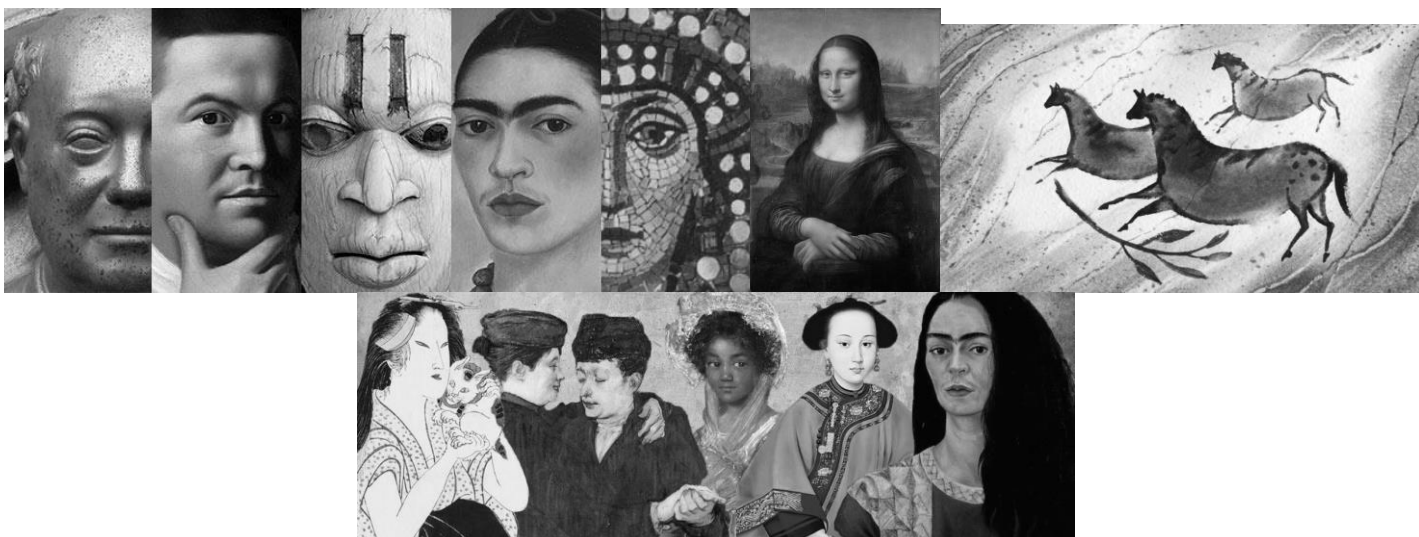
**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Ceramics/Pottery 1 & 3D Studio Art 1

♦ Ceramics Teacher Approval

This is an advanced level studio art course comparable to a college art class. This college-level course is intended to address a very broad interpretation of 3 dimensional design issues. Students address engagement with space and context. Work developed will address 3D issues and students will work in a self-directed environment to develop a portfolio demonstrating a body of work that visually explores a particular artistic concern. Students will use a variety of media to create their work. This course is for the advanced Art student who wishes to seek college credit by submitting a portfolio of work for assessment by the College Board. Students are required to complete and submit their portfolio to the College Board upon completion of this course.

AP



## BIOMEDICAL SCIENCES: CTE INSTITUTE



Project Lead the Way's (PLTW) Biomedical Sciences program offers students an array of advantages, from career readiness and hands-on experience to college preparatory-level classes, labs, and creative exercises. The program is designed to appeal to students interested in STEM-related fields, such as medicine, forensic science, research, and bioinformatics. Classes are inquiry based, hands-on, based in real-world experience and fun for students and teachers. The use of the latest equipment and technology is also prevalent in the curriculum. The highest standards for rigorous, focused, and engaging study, developing students' innovative, collaborative, cooperative, and problem-solving skills are instilled in the curriculum. Students who complete PLTW's Biomedical Sciences program of study are eligible for core science credit toward graduation.

### PRINCIPLES OF THE BIOMEDICAL SCIENCE

**8708110**

**Grade Level:** 9, 10, 11, 12

**Course Weight:** 0.5

**1 Equiv Science Credit/Year Long**

**Prerequisite(s):** Please see chart



Students taking Principles of the Biomedical Sciences (PBS) investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate life-style choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes and bioinformatics. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.



### HUMAN BODY SYSTEMS

**8708120**

**Grade Level:** 10, 11, 12

**Course Weight:** 0.5

**1 Equiv Science Credit/Year Long**

**Prerequisite(s):** Please see chart



Students taking Human Body Systems (HBS) examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.



### MEDICAL INTERVENTIONS

**8708130**

**Grade Level:** 11, 12

**Course Weight:** 0.5

**1 Equiv Science Credit/Year Long**

**Prerequisite(s):** Please see chart



Students taking Medical Interventions (MI) investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body as students explore: how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer; and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Life-style choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.



### BIOMEDICAL INNOVATIONS

**8708140**

**Grade Level:** 12

**Course Weight:** 1.0

**Vocational Elective Credit/Year Long**

**Prerequisite(s):** Please see chart

**Does not count as Equiv Science Credit**



Students taking Biomedical Innovations (BI) apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21<sup>st</sup> century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry.



## BIOMEDICAL SCIENCE FLOW CHART

<b>BIOMEDICAL SCIENCE COURSE</b>	<b>MATH COURSE Concurrently</b>	<b>SCIENCE COURSE Concurrently</b>
<p style="text-align: center;"><b><u>9<sup>th</sup> Grade: Year 1</u></b></p> <p><b>PBS: Principles of the Biomedical Science</b>            ✓ 8<sup>th</sup> Grade FSA Reading = Level 4 or 5</p>	Algebra 1 Honors or higher	Biology 1 Honors
<p style="text-align: center;"><b><u>10<sup>th</sup> Grade: Year 2</u></b></p> <p><b>HBS: Human Body Systems</b>            ✓ Completed PBS with an A/B and score of 4 or higher on EOC            ✓ Teacher Recommendation</p>	Geometry 1 Honors or higher	Chemistry 1 Honors
<p style="text-align: center;"><b><u>11<sup>th</sup> Grade: Year 3</u></b></p> <p><b>MI: Medical Interventions</b>            ✓ Completed HBS with an A/B and score of 4 or higher on EOC            ✓ Teacher Recommendation</p>	Algebra 2 Honors or higher	AP Biology or AP Chemistry or AP Environmental Science
<p style="text-align: center;"><b><u>12<sup>th</sup> Grade: Year 4</u></b></p> <p><b>BI: Biomedical Interventions (Capstone Course)</b>            ✓ Completed MI with an A/B and score of 4 or higher on EOC            ✓ Teacher Recommendation</p>	Pre-Calculus Honors or higher	or AP Physics 1 or AP Physics 2 or AP Physics C

### **Recommendations:**

AP Statistics, AP Calculus AB, and AP Calculus BC are strongly recommended. Also, AP Psychology is recommended after Human Body Systems. AICE Thinking Skills 1 & 2 are also recommended.

### **Certification:**

It is possible to earn the University of Florida's Biotechnician Assistant Certificate after completing PBS, HBS, MI and Biology 1 Honors and Chemistry 1 Honors.

◆ Students are required to take the UF Biotechnician Assistant Credentialing Exam (BACE) and score an 80% to pass; a passing score will articulate as credit at various state colleges in Florida.

### **College Credit:**

◆ If attending the University of West Florida, a student can receive credit for Biology 1 and the associated lab course (4 credits).

◆ College credit can be earned at participating universities and colleges across the country. See teacher and school of interest for requirements.



**ENGINEERING: CTE INSTITUTE**

Project Lead the Way's (PLTW) Engineering program offers students an array of advantages, from career readiness and hands-on experience to college preparatory-level classes, activity project based learning, and creative exercises.

The program is designed to appeal to students interested in STEMM-related fields, such as engineering, electronics, robotics, computer aided design, and project development. Students use the same industry-leading technology and software as are used in the world's top companies. Students are immersed in design as they investigate topics such as sustainability, mechatronics, forces, structures, aerodynamics, digital electronics, and circuit design, manufacturing, and the environment, which gives them an opportunity to learn about different engineering disciplines before beginning post-secondary education or careers. Classes are inquiry based, hands-on, based in real-world experience and fun for students and teachers. The use of the latest equipment and technology is also prevalent in the curriculum. The highest standards for rigorous, focused, and engaging study, developing students' innovative, collaborative, cooperative, and problem-solving skills are instilled in the curriculum. Students who complete PLTW's Engineering program of study are eligible for college credit at an affiliate PLTW college or university.

**INTRODUCTION TO ENGINEERING DESIGN****8600550****Grade Level: 9, 10, 11, 12****Course Weight: 1.0****1 PRACTICAL ARTS Credit / Year Long****Prerequisite(s): Please see chart**

Students taking Introduction to Engineering Design/Drafting 1 are introduced to the engineering profession and the engineering design process. Students enjoy learning through hands-on projects that require

them to develop planning, documentation, communication and other professional skills. IED students receive instruction in the following areas: the use of scales & measurement, orthographic & isometric sketching, mechanical drafting, and developing a visual perspective to 3D modeling. Lastly, students will have the opportunity to bring their skills to life by utilizing our 3D printer to illustrate and model designs of their own creation. Additionally students will have the opportunity to earn Autodesk Inventor Certified User and AutoCAD Certified User certifications. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students keep a track of their designs and ideas in their Engineer's notebook. This notebook is key to demonstrate documentation, communication, and is used by some students as part of their college applications.

**PRINCIPLES OF ENGINEERING****8600520****Grade Level: 10, 11, 12****Course Weight: 1.0****1 PRACTICAL ARTS Credit / Year Long****Prerequisite(s): Please see chart**

Students taking this survey course are exposed to some of the major concepts that they will encounter in a postsecondary engineering course of study.

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.



**ENGINEERING: CTE INSTITUTE**

**DIGITAL ELECTRONICS**

**8600530**

**Grade Level: 11, 12**

**Course Weight: 1.0**

**1 PRACTICAL ARTS Credit / Year Long**

**Prerequisite(s): Please see chart**



The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Students taking Digital



electronics will study electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will analyze, design, and build digital electronic circuits. While implementing these designs, students will continually hone their professional skills, creative abilities, and understanding of the circuit design process. Digital Electronics (DE) is a high school level course that is appropriate for 10th or 11th grade students interested in exploring electronics. Other than their concurrent enrollment in college preparatory mathematics and science courses, this course assumes no previous knowledge.

**ENGINEERING DESIGN AND DEVELOPMENT**

**8600650**

**Grade Level: 12**

**Course Weight: 1.0**

**1 PRACTICAL ARTS Credit / Year Long**

**Prerequisite(s): Please see chart**



Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution



to a well-defined and justified open-ended problem by applying an engineering design process. Students will perform research to select, define, and justify a problem. After carefully defining the design requirements and creating multiple solution approaches, teams of students select an approach, create, and test their solution prototype. Student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process,

students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process. Engineering Design and Development is a high school level course that is appropriate for 12th grade students. Since the projects on which students work can vary with student interest and the curriculum focuses on problem solving, EDD is appropriate for students who are interested in any technical career path. EDD should be taken as the final capstone.

ENGINEERING COURSE
<p><b>9<sup>th</sup> Grade: Year 1</b></p> <p><b>IED: Introduction to Engineering Design</b></p> <ul style="list-style-type: none"> <li>✓ 8<sup>th</sup> Grade FSA Reading = Level 3 or Higher</li> <li>✓ 8<sup>th</sup> Grade FSA Math = Level 3 or Higher or min "B" in Algebra 1</li> </ul>
<p><b>10<sup>th</sup> Grade: Year 2</b></p> <p><b>POE: Principles of Engineering</b></p> <ul style="list-style-type: none"> <li>✓ Completed IED with an A/B</li> <li>✓ Teacher Recommendation</li> </ul>
<p><b>11<sup>th</sup> Grade: Year 3</b></p> <p><b>DE: Digital Electronics</b></p> <ul style="list-style-type: none"> <li>✓ Completed POE with an A/B</li> <li>✓ Teacher Recommendation</li> </ul>
<p><b>12<sup>th</sup> Grade: Year 4</b></p> <p><b>EDD: Engineering Design and Development (Capstone Course)</b></p> <ul style="list-style-type: none"> <li>✓ Completed DE with an A/B</li> <li>✓ Teacher Recommendation</li> </ul>

**Certification:** Autodesk Certified Professional Inventor Students are qualified to take the Autodesk Inventor Professional after IED; a passing score will articulate as credit at various state colleges in Florida.

<b>CTE: CAREER &amp; TECHNICAL EDUCATION</b>
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**FOODS 1/FOODS 2****(NUTRITION & WELLNESS/PRINCIPLES OF FOODS)****0800300/0800310****Grade Level: 9, 10, 11, 12****½ Elective Credit Each / Year Long****Prerequisite(s): None**

Keep yourself healthy by learning how to plan and prepare nutritionally balanced meals and snacks. Learn cooking techniques for a variety of different foods and prepare delicious food creations. Instruction and learning activities are provided using hands-on experiences. Cook and eat your own preparations in class! This is *not* a culinary course, cooking is minimal.

This course builds on skills learned in Nutrition & Wellness. Included in this course will be more complicated principles of food selection and preparation. The students will plan, prepare, and serve creative cuisine from different ethnic groups, regions, and foreign countries. Foods for special occasions will also be included. This is *not* a culinary course, cooking is minimal.

**CHILD DEVELOPMENT/PARENTING SKILLS****8500310/8500300****Grade Level: 10, 11, 12****½ Elective Credit Each / Year Long****Prerequisite(s): None**

Understanding how children fit into your life – both now and in your future – can help you understand yourself. Studying about children can help you make decisions about your future careers: teacher, nurse, doctor, psychologist, event planner, sociologist, scientist, parent, youth director, nutritionist, minister, etc. This course includes a study of basic needs of children, principles of human development, prenatal care, the birth process, and parent/child relation- ships.

Parenthood is the most important occupation most of us are ever engaged in during our lifetime. Topics covered in this class include: Parenting as a Career, Rewards and Responsibilities of Parenthood, Job Qualifications, Characteristics and Needs of Specific Ages, and Positive Parenting Techniques. Nurturing skills and their importance to the total development of the child and the stability of the family as a whole are stressed.





## DANCE

**One semester of a dance class waives the .5 credit PE activity elective. The student must still take the .5 credit Personal Fitness class to complete the PE graduation requirement.**

### **DANCE CHOREOGRAPHY/PERFORMANCE 1 (Beginning Dance) 0300380**

**Grade Level: 9, 10, 11, 12**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s): None**

Want to be a hit on the dance floor, but need to sharpen your moves? This is the class for you! Learn many different forms of Dance including hip-hop, jazz, modern/contemporary, and ballet/lyrical. You'll also get in great physical shape as you develop muscle tone and flexibility. Students may have the opportunity to perform in the Spring Dance Showcase.

### **DANCE CHOREOGRAPHY/PERFORMANCE 2 HONORS (Advanced Dance) 0300390**

**Grade Level: 9, 10, 11, 12**

**Course Weight: 0.5**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s): Dance Teacher Approval**

This course is designed for students interested in trying out for the Stars Dance Team and/or are looking to further their dance experience at a more advanced level. Students should already have had formal dance training. Fall semester will be a training class and spring semester will be performance based. Students will have the opportunity to perform in the Spring Dance Showcase.

### **DANCE CHOREOGRAPHY/PERFORMANCE 3 HONORS (Advanced Dance) 0300420**

**Grade Level: 9, 10, 11, 12**

**Course Weight: 0.5**

**Prerequisite(s): Audition and Dance Teacher Approval**

This course is designed for student who are interested in furthering their dance experience at an advanced level. This class will focus on preparing dancer for performance opportunities. Dancers will work collaboratively on choreography. Students will perform in the Spring Dance Showcase, as well as other events. Previous formal dance training is a requirement.

### **STARS – DANCE TEAM/CHEER**

**(DANCE TECHNIQUES 1 – 1<sup>st</sup> Year) 0300310**

**(DANCE TECHNIQUES 2 – 2<sup>nd</sup> Year) 0300320**

**(DANCE TECHNIQUES 3 HONORS – 3<sup>rd</sup>) 0300330**

**(DANCE TECHNIQUES 4 HONORS) – 4<sup>th</sup> Year 0300430**

**Grade Level: 9, 10, 11, 12**

**Course Weight: 0.5 for 3<sup>rd</sup> & 4<sup>th</sup> Year**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s): Audition**

**Stars Dance Team**



**Cheerleaders**

Please see Dance Instructor for audition information



Please see Cheer Instructor for audition information

**THEATRE ARTS****IMPROVISATION 1** **0400620****Grade Level: 9, 10, 11, 12****1 FINE ARTS Credit / Year Long****Prerequisite(s): None**

Do you enjoy the show "Whose Line Is It, Anyway?" Do you enjoy making people laugh? Do you want to build the skills necessary to be able to stand in front of an audience and capture their complete attention? If you answered "yes" to any of these questions, this is the class for you. Take it for a semester, take it for four years! You'll have so much fun ... you won't realize all of the great skills you're learning! The final exam is a mandatory performance at the Viking Comedy Club - the most unusual final exam in the state of Florida! Although this is a year-long course, students may elect to take one semester for 0.5 Fine Arts credit.

**IMPROVISATION 2****(ACTING 2)****0400380****Grade Level: 10, 11, 12****1 FINE ARTS Credit / Year Long****Prerequisite(s): Acting 1 or Theatre Teacher approval**

Students who have successfully completed Acting 1 will continue work in performance technique, physical acting, oral communication skills, comedy writing and perform in the Viking Comedy Club.

**IMPROVISATION 3****(ACTING 3)****0400390****Grade Level: 11, 12****1 FINE ARTS Credit / Year Long****Prerequisite(s): Acting 2 or Theatre Teacher approval**

Students who have successfully completed Acting 2 will continue work in performance technique, physical acting and oral communication skills, sketch comedy, and will become team and class leaders by teaching fellow classmates. Mandatory performance exam is the Viking Comedy Club.

**IMPROVISATION 4 HONORS****(ACTING 4 HONORS)****0400400****Grade Level: 12****Course Weight: 0.5****1 FINE ARTS Credit / Year Long****Prerequisite(s): Acting 3 or Theatre Teacher approval**

Students who have successfully completed Acting 3 will continue to work on their personal performance skills, develop original comic sketches, teach and coach fellow classmates, and prepare and run the Viking Comedy Club. Participation in *The Masters of Mayhem* improvisation troupe is also required at this level.

**THEATRE 1****0400310****Grade Level: 9, 10, 11, 12****1 FINE ARTS Credit / Year Long****Prerequisite(s): None**

The toughest class you'll ever love! First semester starts with a comprehensive study of theatre history and major dramatic works. Second semester covers all aspects of performance including pantomime, combat, and vocal performance as well as method acting. Participation in district and state Thespian Festivals is encouraged, but not required. This class is an excellent choice for all students, providing curricular links to art, history, and literature. Although this is a year-long course, students may elect to take one semester for 0.5 Fine Arts credit.

**THEATRE 2****0400320****Grade Level: 10, 11, 12****1 FINE ARTS Credit / Year Long****Prerequisite(s): Theatre 1 or Theatre Teacher approval upon passing basic skills test**

Students will study 19th and 20th century theatre through playwrights and their works. Intermediate acting and improvisation techniques such as Stanislavski and Spolin are covered, as are practical application of these skills in scene and monologue study and performance. **Participation in competition team is required, which requires fees, rehearsal and travel outside the regular school day.**

<b>THEATRE ARTS</b>
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**THEATRE 3 HONORS** **0400330****Grade Level:** 11, 12**Course Weight:** 0.5**1 FINE ARTS Credit / Year Long****Prerequisite(s): Theatre 2 or Theatre Teacher approval upon passing basic skills test**

This course covers directing, advanced acting techniques and playwriting, as well as major works and playwrights of the contemporary American theater. Practical application of skills through scene study, monologue study, and play production. Students will also write an original one-act play for competition. **Participation in competition team is required, which requires fees, rehearsal and travel outside the regular school day.**

**THEATRE 4 HONORS** **0400340****Grade Level:** 12**Course Weight:** 0.5**1 FINE ARTS Credit / Year Long****Prerequisite(s): Theatre 3 Honors or Theatre teacher approval upon passing basic skills test**

This course covers advanced acting and directing techniques, play writing and independent study. It also includes practical application of skills through scene study and direction, monologue study, and of a senior play and audition portfolio production. **Participation in competition team is required, which requires fees, rehearsal and travel outside the regular school day.**

**TECHNICAL THEATRE DESIGN & PRODUCTION 1** **0400410****Grade Level:** 9, 10, 11, 12**1 FINE ARTS Credit / Year Long****Prerequisite(s): None**

When we say that this is a "hands-on" course, we mean it. You'll learn the basic skills of theatre management, set design and construction, lighting & sound, and costuming by working on school main stage productions. **Participation in this class requires classwork outside the regular school day.**

**TECHNICAL THEATRE DESIGN & PRODUCTION 2** **0400420****Grade Level:** 10, 11, 12**1 FINE ARTS Credit / Year Long****Prerequisite(s): Theatre Design & Production 1 or Theatre Teacher approval upon passing basic skills test**

Advanced techniques in technical theater and crew management. Students will design and supervise construction and rigging of lights, sets, costumes, make-up and props for school plays and productions, produce a costume design portfolio, and create a costume for a production. **Participation in this class requires classwork outside the regular school day.**

**TECHNICAL THEATRE DESIGN & PRODUCTION 3** **0400430****Grade Level:** 11, 12**1 FINE ARTS Credit / Year Long****Prerequisite(s): Theatre Design & Production 2 or Theatre Teacher approval upon passing basic skills test**

Students will continue to build and design scenery, costumes and lights, and will act as crew heads for production projects. The focus at this level is lighting design, and students will design lights for a play and act as master electricians for all productions. **Participation in this class requires classwork outside the regular school day.**

**TECHNICAL THEATRE DESIGN & PRODUCTION 4 HONORS** **0400440****Grade Level:** 12**Course Weight:** 0.5**1 FINE ARTS Credit / Year Long****Prerequisite(s): Theatre Design & Production 3 or Theatre Teacher approval upon passing basic skills test**

Students will continue to build and design scenery, costumes and lights, and will act as crew heads for projects and run all technical aspects of major productions. The focus at this level is scenic design, and students will create drafts and models and keep a design portfolio. **Participation in competition team is required, which requires fees, rehearsal and travel outside the regular school day.**

# theatre

## THEATRE ARTS

### **TECHNICAL THEATRE: DESIGN & PRODUCTION FOR COSTUME, MAKEUP & HAIR**

**0400409**

**Grade Level:** 10, 11, 12

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Technical Theatre Design & Production 1  
♦ Theatre Teacher approval

This course is an independent study which is for students who plan on a career in costume design and need to build a portfolio for college and professional work. Students will design and create costumes, hair, and makeup for all theatre department productions, with particular attention to technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials. Students also learn the standard conventions of design presentation and documentation; the organizational structure of theatre production and creative work in a collaborative environment; and the resulting artistic improvement. **Students are required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom, and are required to have their designs and garments adjudicated in the district festival.** This class is only available to students who can use a sewing machine, drape and construct a garment by following a commercial pattern and who are able to work without constant supervision.

## DRIVERS EDUCATION

### **DRIVERS EDUCATION**

**1900310**

**Grade Level:** 9, 10, 11, 12

**½ ELECTIVE Credit / 1 Semester**

**Prerequisite(s):** 15 years old by the start of the 1<sup>st</sup> day of the semester

Students will receive 30 hours of classroom instruction to include: Florida Driver's Handbook review, Drug & Alcohol Traffic Education, Pre-driving Checklist and the Defensive Driving Course. There will be presentations from special guest speakers from the DMV, Okaloosa County Sheriff's Department, and the Florida Highway Patrol. Students may obtain Learner's Permits and Operator's Licenses by successfully completing all class and state requirements. Students will be given 6 hours of "behind-the-wheel" driving range time. **Driving permit by the end of the first four weeks of the enrolled semester – if this is not achieved, student will be placed into Study Hall (no credit course)**

## ESE: EXCEPTIONAL STUDENT EDUCATION

### **LEARNING STRATEGIES**

**7963080**

**Grade Level:** 9, 10, 11, 12

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** Students must have an active IEP

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

### **SKILLS FOR STUDENTS WHO ARE GIFTED**

**7963090**

**Grade Level:** 9, 10, 11, 12

**Course Weight:** 0.5

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** Students must be staffed into the gifted program

The purpose to enable students who are gifted to acquire and apply the knowledge and skills needed to enhance personal and academic achievement.

### **EXTERNSHIP FOR STUDENTS WHO ARE GIFTED**

**7965030**

**Grade Level:** 12

**Course Weight:** 0.5

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** Students must be staffed into the gifted program

This course designed for seniors that have been in the Okaloosa County gifted program at some time in their educational career. This course is a part time release program designed to provide seniors with an opportunity to work with mentors in professional career fields.

## INFORMATION TECHNOLOGY - DIGITAL DESIGN: CTE INSTITUTE

### COMPUTER FUNDAMENTALS

9003410

Grade Level: 9, 10, 11, 12

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): FSA ELA Reading Level 1 or 2, ELL



This entry level course introduces students to the essential concepts, components, terminology, and knowledge about computers, computer systems, peripherals, and networks. Students will be introduced to the Microsoft Office Suite gaining practical experience with Word, Excel, and PowerPoint, email, Internet services

and computing fundamentals. **This course meets ONLINE Graduation Requirement as well!**

### DIGITAL INFORMATION TECHNOLOGY

8207310

Grade Level: 9, 10, 11, 12

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): FSA ELA Reading Level 2 or higher



This is the age of information and everyone needs to know how to use technology to manage and process information. Whether you are college bound or a student entering the workforce, you need to know the basics of computers and how it works in



everyday life. This course is designed to provide an introduction to information technology concepts and careers. Emphasis is placed on developing proficiency with the fundamental computer applications of keyboarding and word processing so they may be used as communication tools for enhancing personal and workplace proficiency in an information based society. Students will be introduced to the **Microsoft Office Suite 2016**, e-mail and Internet services, computing fundamentals, and will have practical experience with Word, Excel, and PowerPoint. **Students will have the opportunity to earn their Microsoft Office Specialist certifications in Word, PowerPoint, and Excel.** **This course meets ONLINE Graduation Requirement as well!**

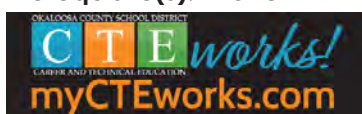
### DIGITAL DESIGN 1

8209510

Grade Level: 9, 10, 11, 12

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): None



In the Digital Design 1 course, learn to enhance, manipulate, and transform your photographs using the world's leading graphic design, **Adobe's Photoshop Creative** software. Discover the basics of photography software. **Adobe** **CERTIFIED ASSOCIATE** **Cloud** all while

earning an industry standard certification in this rewarding and creative field. Projects include: designing your own CD, movie poster, the school planner, cereal box, creating a panorama, and many more! **Students will prepare to earn their certification in Adobe ACA Photoshop.**

**This course meets ONLINE Graduation Requirement as well!**

### DIGITAL DESIGN 2

8209520

Grade Level: 9, 10, 11, 12

Course Weight: 1.0

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): "C" average or better in Digital Design 1



Experience the industry's premier vector-drawing environment and maximize your creative talents using **Adobe Illustrator** while taking the Digital Design 2 course. You will be able to bring your vision to life with shapes, color, effects, typography, and more. Learning Adobe **Adobe** **CERTIFIED ASSOCIATE**

Illustrator will allow you to develop your unique personal style as a graphic artist and add to your electronic portfolio. This course allows you to perfect your skills with creating computer graphics and illustrations. **Students will prepare to earn their certification in Adobe ACA Illustrator.**

**This course meets ONLINE Graduation Requirement as well!**

## INFORMATION TECHNOLOGY - DIGITAL DESIGN: CTE INSTITUTE

### DIGITAL DESIGN 3

8209530

Grade Level: 10, 11, 12

Course Weight: 1.0

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): "C" average or better in Digital Design 2



Turn your dreams into action by using **Adobe InDesign** in Digital Design 3. In



this course, you will experience the extraordinary power of the InDesign software and the creative freedom that allows you to take your designs to new levels. This course introduces the fundamentals of InDesign's tools, menus, panels, and interactivity. Discover how to create custom page layouts, digital e-books, magazines, interactive Web sites, and develop Apps. Continue sharpening your Photoshop skills and blending them with Adobe's Creative Cloud. **Students will prepare to earn their certification in Adobe ACA InDesign.**

**This course meets ONLINE Graduation Requirement as well!**

## INFORMATION TECHNOLOGY - DIGITAL MEDIA TECHNOLOGY: CTE INSTITUTE

### DIGITAL VIDEO TECHNOLOGY 1 HONORS

8201410

Grade Level: 9, 10, 11, 12

Course Weight 0.5

1 FINE ARTS Credit / Year Long

Prerequisite(s): None



Learn to write, direct, shoot, and edit movies in this intensive year-long course. Express your creativity through the art of cinema and perfect your technical skills in the digital age. Get certified in Adobe Premiere Pro with an Adobe Certified Instructor and prepare yourself for an amazing career in the multi-billion dollar

entertainment industry. **This course meets ONLINE Graduation Requirement as well!**



### DIGITAL VIDEO PRODUCTION 2 HONORS

8772420

Grade Level: 10, 11, 12

Course Weight 0.5

1 FINE ARTS Credit / Year Long

Prerequisite(s): Digital Video Technology 1



Students explore the latest video, motion graphics, and animation techniques used in the field today to promote ideas, products, and messages. Each student will have the opportunity to earn a professional certification in Toon Boom Storyboard. Students will also be introduced to Toon Boom Harmony.

**This course meets ONLINE Graduation Requirement as well!**



**INFORMATION TECHNOLOGY - DIGITAL MEDIA TECHNOLOGY: CTE INSTITUTE**

**DIGITAL VIDEO PRODUCTION 3 HONORS  
(Intro to Cartoon Animation)**

**8772430**

**GRADE Level: 9, 10, 11, 12**

**Course Weight 0.5**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s): None**



Students explore the latest motion graphics and animation techniques used in the field today to promote ideas, products, and messages. Each student will have the opportunity to earn a professional certification in Storyboard Pro. Students will also be introduced to Toon Boom Harmony.

**This course meets ONLINE Graduation Requirement as well!**



**ADVANCED DIGITAL MEDIA SYSTEMS HONORS  
(CARTOON ANIMATION)**

**9005140**

**Grade Level: 12**

**Course Weight 0.5**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s): Digital Video Production 3 Honors**



Take your filmmaking skills to the next level as you study motion graphics, compositing, and special effects. Utilize Adobe Premier and After Effects CC to learn Hollywood digital special FX.

**This course meets ONLINE Graduation Requirement as well!**



**VTV**

**Prerequisite(s): Digital Video Production 1 and 2 may take concurrent with Instructor approval**

<b>TELEVISION PRODUCTION TECHNOLOGY 1</b>	<b>8201510</b>
<b>TELEVISION PRODUCTION TECHNOLOGY 2</b>	<b>8201520</b>
<b>TELEVISION PRODUCTION TECHNOLOGY 3</b>	<b>8201530</b>
<b>TELEVISION PRODUCTION TECHNOLOGY 4</b>	<b>8201540</b>

**Grade Level: 9, 10, 11, 12**

**Course Weight 0.5 for 3 & 4**

**1 ELECTIVE Credit / Year Long**

Students in Television Production Technology will utilize state of the art video equipment and lab in order to produce engaging and educational multimedia videos. Utilizing Adobe Premiere CC and After Effects CC students will delve deeply into the fast paced world of Television production creating video content for the weekly school TV program Viking Television



**INFORMATION TECHNOLOGY - DIGITAL MEDIA TECHNOLOGY: CTE INSTITUTE**

# LEARN WEB DESIGN



Information Technology

OKALOOSA COUNTY SCHOOL DISTRICT  
**CTE**  
CAREER AND TECHNICAL EDUCATION

Web 1 #9001110  
Web 2 #9007510  
Web 3 #9007520  
Web 4 #9007530

Contact your guidance counselor for registration.

# LEARN GRAPHIC DESIGN



Enjoy creativity...

OKALOOSA COUNTY SCHOOL DISTRICT  
**CTE**  
CAREER AND TECHNICAL EDUCATION

Dig 1 #8209510  
Dig 2 #8209520  
Dig 3 #8209530

Contact your guidance counselor for registration.



## INFORMATION TECHNOLOGY - WEB DEVELOPMENT: CTE INSTITUTE

### FOUNDATIONS OF WEB DESIGN – HONORS (Web 1) 9001110

Grade Level: 9, 10, 11, 12

Course Weight: 0.5

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): None



This Web design course is a foundational course that introduces students to based Web design using HTML5 (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or Web design. Through the course, students are introduced to planning and designing effective Web pages from start to finish while having fun doing it. The combination of hands-on learning and teacher instruction gives the student a well-rounded background in Web design. **Students will have the opportunity to earn the MTA Introduction to Programming Using HTML & CSS industry certification. This course meets ONLINE Graduation Requirement as well!**

**Microsoft**  
Technology  
Associate

### WEB PROGRAMMING (Web 2) 9007510

Grade Level: 10, 11, 12

Course Weight: 1.0

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): 9001110 Foundations of Web Design



This Web programming course is designed to provide students with foundational programming knowledge and skills for application development on the Internet. Students will learn about the Web as a development platform using HTML5, CSS, and JavaScript coding, as well as the principles of mobile app development. Students will experience planning, designing, construction, and integrating basic client-side components into modern Web applications. In addition, students will learn basic computer programming concepts, such as problem solving skills using logic flow and algorithm development. The combination of hands-on learning and teacher instruction gives the student a well-rounded background in web programming. **Students will have the opportunity to earn the Certified Internet Webmaster Advanced HTML5 and CSS Specialist industry certification. This course meets ONLINE Graduation Requirement as well!**



### JAVASCRIPT PROGRAMMING (Web 3) 9007520

Grade Level: 10, 11, 12

Course Weight: 1.0

1 Credit / Year Long

Prerequisite(s): 9007510 Web Programming

The JavaScript Programming course focuses on the fundamental concepts of the JavaScript language. This course will empower students with the skills to design client-side, platform-independent solutions that greatly increase the value of Web sites by providing interactivity and interest. Students will learn how to use JavaScript to communicate with users, modify the Document Object model (DOM), control program flow, validate forms, animate images, create cookies, change HTML on the fly, and communicate with databases. **Students will have the opportunity to earn the CIW JavaScript Specialist industry certification.**



### PHP PROGRAMMING – HONORS 9007530

Grade Level: 11, 12

Course Weight: 0.5

1 PRACTICAL ARTS Credit / Year Long

Prerequisite(s): 9007520 JavaScript Programming

Have you ever wondered how Web developers create their Web sites? In this hands-on course, students will explore the world of programming by learning the fundamental grammar and meaning of the PHP programming language. PHP is a computer scripting language that has been used for many years to produce dynamic Web pages. Students will come away with a fundamental understanding of PHP that will be applicable to other programming languages. Topics covered will include language basics (syntax, semantics, data types), variable basics, control flow structures, functions, file handling, and ways to leverage others' code through the use of libraries. Students will also be introduced to other programming languages such as Python. By the end of the course, students will be able to write and build a program, and will be able to figure out how to solve a problem in a programmatic way.

## JROTC: JUNIOR RESERVE OFFICE TRAINING CORPS



Fort Walton Beach High School AFJROTC Unit FL-051 has a strong and rich history of outstanding performance. We have been recognized as one of AFJROTC's Distinguished Units for the past five years and received the highest rating of Exceeds Standards based on our last two Headquarters Inspections.

The purpose of AFJROTC is to "develop citizens of character, dedicated to serving their nation and community." The program will help cultivate students into positive role models, productive citizens, and gives each cadet a place to belong, excel, and grow. The curriculum provides our cadets a rich educational experience and hopefully encourages them towards higher educational goals. AFJROTC will instill important values such as citizenship, confidence, self-respect, community service, unit pride, self-discipline, and personal, family, and social responsibility. Cadets will learn aviation science, space technology, leadership education, communication, physical education, drill and ceremonies, and will be eligible to participate in extracurricular activities that include Color Guard, Armed and Unarmed Drill Teams, Physical Fitness Teams, STEM events, Orienteering, Rocketry, and Awareness Presentation Teams.

The AFJROTC curriculum consists of the following elements as outlined by HQ AFJROTC: Aerospace Science coursework (40%), Leadership Education coursework (40%), and the Cadet Health and Wellness program (20%).

**JROTC: JUNIOR RESERVE OFFICE TRAINING CORPS**

The **Aerospace Science** (AS) curriculum is the portion of the overall AFJROTC curriculum that provides insight into air and space power. The AS curriculum introduces students to air and space concepts, the development of technologies, the importance of understanding culture and the larger global community, survival, and Management of the Cadet Corps, which will enable cadets to serve in leadership positions and conduct the overall AFJROTC program. The **Leadership Education** (LE) curriculum develops leadership skills, discipline, citizenship, responsibility, followership, communications, study habits, time management, career opportunities, life skills, financial literacy, management skills, and drill and ceremonies. The **Cadet Health and Wellness Program** (CHWP) curriculum focuses on physical training (PT) every Friday, nutrition, and the importance of maintaining a fit and healthy lifestyle. AS I, II and III cadets are taught the same course, which changes each year on a rotation basis and Our classrooms are a mix of cadets from each high school year group to allow for more experienced cadets to teach and mentor our less experienced cadets under the supervision of the Instructor team. The following courses will be assigned to cadets depending on their Aerospace Science (AS) level.

**\*\*There is no military commitment associated with being a member of AFJROTC program.**

**Students successfully completing two years of AFJROTC will have the 0.5 credit PE activity elective requirement and the full 1.0 credit performing arts requirement waived. Students must still take the 0.5 credit Personal Fitness class to complete the PE requirement.**

**AEROSPACE SCIENCE 1** \_\_\_\_\_ **1800300**

**Grade Level: 9, 10, 11, 12**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s): None**

This course is comprised of Aerospace Science, Leadership Education and Wellness. **The Aerospace Science (AS) portion of the course is The Science of Flight, Gateway to New Horizons.** This course focuses on how airplanes fly, how weather affects flight, flight and the human body and flight navigation. It complements material covered in math, physics and other science-related courses. Students will be given the opportunity participate in Curriculum In Action trip to The USS Alabama Battleship and Airplane Park Museum, Eglin's Air Armament Museum, and Pensacola Naval Museum where they will also see the Blue Angels train. **The Leadership Education (LE) lab of this class, Traditions, Wellness and Foundations of Citizenship** will introduce the student to the AFJROTC program. The course includes instruction on both the cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions. The Drill and Ceremonies course is integrated in this course as part of Leadership Education. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Cadets will be instructed on proper wear of the uniform and required to wear the uniform weekly. Wellness is an official part of the Air Force Junior ROTC program. It is a weekly exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender.

**AEROSPACE SCIENCE 2** \_\_\_\_\_ **1800310**

**Grade Level: 9, 10, 11, 12**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s): "C" average in previous AFJROTC course or ROTC Instructor approval**

This course is comprised of Aerospace Science, Leadership Education and Wellness. **The Aerospace Science (AS) portion of the course is The Science of Flight, Gateway to New Horizons.** This course focuses on how airplanes fly, how weather affects flight, flight and the human body and flight navigation. It complements material covered in math, physics and other science-related courses. **The Leadership Education (LE) lab portion of the course, Communication, Awareness and Leadership,** stresses communications skills and cadet corps activities. The student will receive instruction in how to communicate effectively; how to understand groups and teams; how to prepare for leadership; how to solve conflicts and problems; and how to improve individual personal development. Students will continue with Drill and Ceremonies taking a more active role in commanding their Flight. Cadets will be required to properly wear the uniform within standards weekly. Wellness is an official part of the Air Force Junior ROTC program. It is a weekly exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender.

**JROTC: JUNIOR RESERVE OFFICE TRAINING CORPS****AEROSPACE SCIENCE 3****1800320****Grade Level: 9, 10, 11, 12****1 ELECTIVE Credit / Year Long****Prerequisite(s): "C" average in previous AFJROTC course or ROTC Instructor approval**

This course is comprised of Aerospace Science, Leadership Education and Wellness. **The Aerospace Science (AS) portion of the course is The Science of Flight, Gateway to New Horizons.** This course focuses on how airplanes fly, how weather affects flight, flight and the human body and flight navigation. It complements material covered in math, physics and other science-related courses. Students will be given the opportunity participate in Curriculum In Action trip to The USS Alabama Battleship and Airplane Park Museum, Eglin's Air Armament Museum, and Pensacola Naval Museum where they will also see the Blue Angels train. **The Leadership Education (LE) lab portion, Life Skills and Career Opportunities** examines career opportunities and emphasizes life skills. Students will be given the opportunity to study career paths after high school; how to apply for college or vocational/technical schools; how to begin the job search; how to prepare a resume'; and the importance of good interviewing skills. They will be exposed to military members and recruiters to learn more about military life and benefits, and will have the opportunity to participate in a Curriculum in Action Trip to several colleges. Students will continue with Drill and Ceremonies taking a more active role in commanding their Flight and participating in drill teams. Cadets will be required to properly wear the uniform within standards weekly. Wellness is an official part of the Air Force Junior ROTC program. It is a weekly exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender.

**AEROSPACE SCIENCE 4:****1800330****Grade Level: 9, 10, 11, 12****1 ELECTIVE Credit / Year Long****Prerequisite(s): "C" average in previous AFJROTC course or ROTC Instructor approval**

This course is comprised of Aerospace Science, Leadership Education and Wellness. **The Aerospace Science (AS), Management of the Cadet Corps,** consists of a hands-on experience that affords cadets the opportunity to put the theories of previous leadership courses into practice. All the Group's planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets under the direct supervision of the AFJROTC instructors. They practice their communication, decision-making, personal-interaction, managerial, and organizational skills. **Leadership Education (LE), Principles of Management,** is a guide to understanding the fundamentals of management, managing yourself, and others. Emphasis is placed on allowing the student to see himself/herself as a manager. Students will continue with Drill and Ceremonies taking a more active role in commanding their Flight and participating in drill teams. Cadets will be required to properly wear the uniform within standards weekly. Wellness is an official part of the Air Force Junior ROTC program. It is a weekly exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated with age and gender.

**AEROSPACE SCIENCE 5 Leadership Honors****1800360****Grade Level: 11, 12****Course weight: 0.5****1 ELECTIVE Credit / Year Long****Prerequisite(s): "C" average in previous AFJROTC course; JROTC Instructor approval; at least 2 years experience in JROTC, and must hold a cadet staff position.**

**This course allows senior level cadets to manage the entire cadet corps during their fourth year in the Air Force Junior ROTC program.** This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. **Planning, organizing, coordinating, directing, controlling, project management, and decision-making will be done by cadets.** They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills. The Leadership Education (LE) will be delivered in accordance with Headquarters JROTC Curriculum Guide at instructor's discretion. *1 year; 1 elective weighted credit; grades 11-12*

Each course includes LE 500 Drill and Ceremonies and Presidential Fitness Challenge Program

## LEADERSHIP

### 9<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> GRADE LEADERSHIP (LEADERSHIP TECHNIQUES)

ELE0002

Grade Level: 9, 10, 11

1 ELECTIVE Credit / Year Long

Prerequisite(s): None

Using day-to-day projects, activities, and events, students will constantly learn to improve their character and leadership skills. Students have the opportunity to earn 50-100 community service hours while taking this course! First semester will focus on school projects, to include Pep Rallies and Christmas Connection. For Christmas Connection, students will be required to go out in the community to seek support for our Christmas project with monetary donations and a food drive. Students will engage in group projects at all levels while also working on building relationships with community leaders, teachers, school officials, and peers. Writing grants, creating a resume, applying for scholarships are just a few of the many activities students will learn as they build a personal portfolio. Students will build programs from the ground up and continue to grow existing programs. Students will work with 12th graders on major projects as they prepare to take over their senior year and lead these projects.

### 12<sup>th</sup> GRADE LEADERSHIP (LEADERSHIP TECHNIQUES)

ELE0003

Grade Level: 12

1 ELECTIVE Credit / Year Long

Prerequisite(s): Leadership Teacher Approval

**\*1 Year of Leadership required to be in the Senior Leadership Class**

Students have the opportunity to earn 100 community service hours while taking this course! Students enrolled in this course are the main operators of all major leadership projects, including Sandblast, Silver Sands Prom, FWBHS Chow-down, Christmas Connection, etc. For Christmas Connection, students will be required to go out in the community to seek support for our Christmas project with monetary donations and a food drive. Students will develop major community service and school projects including complete orchestration of all FWBHS pep rallies. During 2nd semester, final touches will be added to student portfolios. Professionally led workshops will teach students how to interview and build professional resumes. Students will learn how to make themselves marketable!



## MUSIC

**One semester of Marching Band waives the 0.5 credit PE activity elective. The student must still take the 0.5 credit Personal Fitness class to complete the PE graduation requirement.**

### BAND

<b>(BAND 1 - 1<sup>st</sup> Year)</b>	<b>1302300</b>
<b>(BAND 2 – 2<sup>nd</sup> Year)</b>	<b>1302310</b>
<b>(BAND 3 – 3<sup>rd</sup> Year)</b>	<b>1302320</b>
<b>(BAND 4 – 4<sup>th</sup> Year)</b>	<b>1302330</b>

**Grade Level: 9, 10, 11, 12**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Previous music training

- ♦ FWBHS Band Directors, Middle School Band Directors, or Private Instructor may give recommendations for placement

Band is an instrumental music class with numerous opportunities to perform. These opportunities include the following:

- The award-winning “Viking” Marching Band which performs at FWBHS football games, Marching Band Festivals, and parades.
- Concert and Symphonic Bands, which perform at the highest levels of the concert music idiom.
- Performance opportunities include local, regional, and national-level festivals and competitions.
- Past performances include sites from New York to California, and Montreal to Mexico City.
- Percussion Ensemble

### JAZZ ENSEMBLE

<b>(JAZZ ENSEMBLE 1 - 1<sup>st</sup> Year)</b>	<b>1302500</b>
<b>(JAZZ ENSEMBLE 2 – 2<sup>nd</sup> Year)</b>	<b>1302510</b>
<b>(JAZZ ENSEMBLE 3 – 3<sup>rd</sup> Year)</b>	<b>1302520</b>
<b>(JAZZ ENSEMBLE 4 HONORS – 4<sup>th</sup> Year)</b>	<b>1302530</b>

**Grade Level: 9, 10, 11, 12**

**Course Weight: 0.5 for 4<sup>th</sup> Year**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Previous music training

- ♦ FWBHS Band Directors, Middle School Band Directors, or Private Instructor may give recommendations for placement

Jazz Ensemble is an ensemble for musicians who have achieved more than a basic knowledge of their instrument. Previous jazz experience is not required. There are numerous performance opportunities with this ensemble. This ensemble is an award-winning group that performs advanced level jazz literature.

### INSTRUMENTAL TECHNIQUES

**1302420**

**Grade Level: 9,10, 11, 12**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s): None**

This course is designed for students who are interested in learning music terminology, music reading and musicianship skills. No prerequisites or prior musical knowledge is necessary. Students will primarily use 64-key Yamaha keyboards. Independent practice is encouraged, but not required.



<b>MUSIC</b>
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**COLOR GUARD**

<b>(EURHYTHMICS 1 – 1<sup>st</sup> Year)</b>	<b>1305300</b>
<b>(EURHYTHMICS 2 – 2<sup>nd</sup> Year)</b>	<b>1305310</b>
<b>(EURHYTHMICS 3 – 3<sup>rd</sup> Year)</b>	<b>1305320</b>
<b>(EURHYTHMICS 4 – 4<sup>th</sup> Year)</b>	<b>1305330</b>

Grade Level: 9, 10, 11, 12

1 FINE ARTS Credit / Year Long

Prerequisite(s): Audition

This class includes the award-winning Viking Color Guard. These groups are both a part of the Viking Marching Band and perform at numerous football games, festivals, competitions, and parades.

**BAND LEADERSHIP**

<b>(ENGAGED CITIZENSHIP 1) – 1<sup>st</sup> Semester</b>	<b>2104350</b>
<b>(ENGAGED CITIZENSHIP 2) – 2<sup>nd</sup> Semester</b>	<b>2104360</b>

Grade Level: 10, 11, 12

½ ELECTIVE Credit / 1 Semester

Prerequisite(s): None

Students in the course will assist the band director in teaching instrumental music to elementary school students. Students have the opportunity to earn 75 hours of community service that will qualify as the Bright Futures requirement for the Academic Scholars Award.

**CHORUS**

<b>(CHORUS 1 – 1<sup>st</sup> Year)</b>	<b>1303360</b>
<b>(CHORUS 2 – 2<sup>nd</sup> Year)</b>	<b>1303370</b>
<b>(CHORUS 3 – 3<sup>rd</sup> Year)</b>	<b>1303380</b>
<b>(CHORUS 4 HONORS – 4<sup>th</sup> Year)</b>	<b>1303390</b>

Grade Level: 9, 10, 11, 12

Course Weight: 0.5 for 4<sup>th</sup> Year

1 FINE ARTS Credit / Year Long

Prerequisite(s): None

This chorus is for any student who would like the opportunity to learn basic musicianship skills such as sight-reading, musical notation, and terminology. This choir will sing pieces from various genres ranging from classical to pop arranged specifically for this choir. Students will have the opportunity to perform in concerts and competitions. Extra rehearsals are scheduled in advance and attendance is required.

**VOICES OF VALHALLA**

<b>(VOCAL ENSEMBLE 1 – 1<sup>st</sup> Year)</b>	<b>1303440</b>
<b>(VOCAL ENSEMBLE 2 – 2<sup>nd</sup> Year)</b>	<b>1303450</b>
<b>(VOCAL ENSEMBLE 3 – 3<sup>rd</sup> Year)</b>	<b>1303460</b>
<b>(VOCAL ENSEMBLE 4 HONORS – 4<sup>th</sup> Year)</b>	<b>1303470</b>

Grade Level: 9, 10, 11, 12

Course Weight: 0.5 for 4<sup>th</sup> Year

1 FINE ARTS Credit / Year Long

Prerequisite(s): Audition

This is an auditioned chorus for the most advanced choral students. This course includes singing, listening, reading, theory, and dancing. Performance opportunities are limitless throughout the community, the state, including opportunities to travel to other states for a diverse choral experience. Students will be required to perform with other ensembles, in concerts and competitions, and will go on trips with the chorus. Extra rehearsals are scheduled in advance and attendance is required.



## MUSIC

### **AP MUSIC THEORY**

**1300330**

**Grade Level: 10, 11, 12**

**Course Weight: 1.0**

**1 FINE ARTS Credit / Year Long**

**Prerequisite(s):** ♦ Previous music training  
♦ Band or Choral Director's approval

This course is comparable in content to a first-year music theory course in college. Are you going to be a music major? Thinking about being a music major? Then, you need this course! It is required for all music degree plans. Time will be spent in the analysis of notated examples, the development of listening skills, sight-reading, keyboard harmony, part writing, and harmonization. Students successfully completing the course will be given the opportunity to take the AP Music Theory exam for college credit.



## THINKING SKILLS

### **AICE THINKING SKILLS 1**

**1700372**

**Grade Level: 10, 11, 12**

**Course Weight: 1.0**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** Current English or Social Studies Teacher Recommendation

This course is designed with the inquisitive, curious, hard-working student in mind. The elective includes a study of argument and rhetoric, logical reasoning through puzzles and real-world challenges, and discussion of controversial topics within writing, Socratic discussion, and debate. At the end of the year, students will take Cambridge's assessments, Paper 1 and Paper 2, which consist of short and extended-response questions.



*From AICE: Thinking Skills develops a specific set of intellectual skills, independent of subject content. It reflects the need voiced by universities and employers for more mature and sophisticated ways of thinking. The Thinking Skills syllabus also enables students to approach their other subjects with an improved ability to understand, analyze and resolve problems. As a result, students 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. As a curriculum subject, Thinking Skills offers students an excellent opportunity to express themselves freely and openly. The Thinking Skills syllabus encourages free and open debate, critical and investigative thinking, and informed and disciplined reasoning.*

### **AICE THINKING SKILLS 2**

**1700374**

**Grade Level: 11, 12**

**Course Weight: 1.0**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** Completed AICE Thinking Skills 1

This course is designed to follow AICE Thinking Skills 1. The students will gain a deeper understanding of argument and fallacy and how to respond to those arguments. The students will also gain a concentrated understanding of mathematics in the world around them and problem-solving skills through real-world application. At the end of the year, students will take Cambridge's assessments, Paper 3 and Paper 4, which consist of short and extended-response questions.





## THINKING SKILLS

### **ACT/SAT PREP – LANGUAGE ARTS PORTION**

**1700370**

**Grade Level: 11, 12**

**Course Weight: .50**

**1/2 ELECTIVE Credit / Semester**

**Prerequisite: Level 3 or higher 10<sup>th</sup> grade FSA ELA/ For college bound students who want to increase their scores**

This course is to prepare students to take the critical reading and writing sections of the SAT and the English and Reading sections of the ACT. It is intended to strengthen test-taking skills by focusing on familiarization with ACT/SAT-type questions, developing test-taking strategies, managing test panic and increasing confidence and speed. A review of test content includes reading comprehension, grammar and essay writing. Practice with real, timed ACT/SAT test sections is an integral part of the course. This course will teach you how to attack the ACT and the SAT...and win! Textbooks not required, but suggested: *The Official ACT Prep Guide, 2018 edition* and/or *The Official SAT Study Guide, 2018 edition*.

## WORLD LANGUAGES

### **AMERICAN SIGN LANGUAGE 1**

**0717300**

**Grade Level: 9, 10, 11, 12**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** ♦ “C” average in English  
 ♦ FSA ELA Level 3 or higher  
 ♦ English teacher approval

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

### **AMERICAN SIGN LANGUAGE 2**

**0717310**

**Grade Level: 10, 11, 12**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** ♦ American Sign Language 1  
 ♦ American Sign Language teacher recommendation

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

### **FRENCH 1**

**0701320**

**Grade Level: 9, 10, 11, 12**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** ♦ “C” average in English  
 ♦ FSA Reading Level 3 or higher  
 ♦ English teacher approval

As a beginning French student, you will be able to express yourself in basic conversations about yourself, school, your family life, sports and activities, etc. You will also be introduced to the French culture and participate in reading writing and listening activities. Finally, through role play you will participate in scenarios such as dining in a Parisian café or shopping in Les Galeries Lafayette.

### **FRENCH 2**

**0701330**

**Grade Level: 9, 10, 11, 12**

**1 ELECTIVE Credit / Year Long**

**Prerequisite(s):** ♦ “C” average in French 1  
 ♦ French teacher recommendation

As a second year French student, you will continue your studies in daily life topics as you learn to shop for groceries, prepare a meal, talk about health matters, have a telephone conversation, and travel. This course offers the continuing student additional proficiency in vocabulary and structure to which will help in writing, listening, and speaking skills. We will also continue learning about the unique aspects of the French culture. All French 2 students who maintain a 3.0 average may participate in French Honor Club.

**WORLD LANGUAGES****FRENCH 3 HONORS****0701340****Grade Level: 10, 11, 12****Course Weight: 0.5****1 ELECTIVE Credit / Year Long****Prerequisite(s): ♦ “B” average in French 2****♦ French teacher recommendation**

The purpose of this course is to provide the advancing French student instruction in listening, speaking, reading and writing through thematic units such as travel, shopping, family relationships, festivals, weather, and journalism. This course provides students an opportunity to improve oral and written communication with extensive readings and vocabulary and structure. Poetry and literature excerpts are introduced. Full membership in the French Honor Club is open to qualifying students.

**FRENCH 4 HONORS****0701350****Grade Level: 11, 12****Course Weight: 0.5****1 ELECTIVE Credit / Year Long****Prerequisite(s): ♦ “B” average in French 3 Honors****♦ French teacher recommendation**

This course provides intensive instruction in listening, speaking, writing and reading French. The students will research and study different media selections in order to reflect and write commentaries. Students will also focus on reading short stories and newspaper articles and to build their fluency and vocabulary. Students will analyze film selections to advance their listening skills. Grammar skills are thoroughly reviewed and practiced by writing essays. Finally, students will polish their speaking skills by answering questions, practicing pronunciation, and preparing oral presentations.

**LATIN 1****0706300****Grade Level: 9, 10, 11, 12****1 ELECTIVE Credit / Year Long****Prerequisite(s): ♦ “C” average in English****♦ FSA ELA Level 2 or higher****♦ English teacher approval**

This course focuses on the fundamentals of the Latin language. Students learn basic pronunciation, grammatical structures and vocabulary. Emphasis will be placed on reading to comprehend the Latin language. However, the course also includes speaking, listening, and writing. Extensive material will be covered in the area of word derivation and understanding of both Latin and English grammar. Aspects of Latin culture, history, mythology and other cultural topics are studied through films, reading, and class discussions. This course is an excellent base for the study of many other languages.

**LATIN 2****0706310****Grade Level: 10, 11, 12****1 ELECTIVE Credit / Year Long****Prerequisite(s): ♦ “C” average in Latin 1****♦ Latin teacher recommendation**

This course reinforces the fundamental skills developed in Latin 1. Students will learn additional grammatical structures, vocabulary and word derivation including an introduction to Latin medical, scientific and legal terminology. While reading and writing continue to be the main focus, students will also participate in listening and basic speaking activities. Students will continue to increase their cultural awareness of the Romans through the study of daily life, mythology and history, including the Roman Republic.

## WORLD LANGUAGES

### SPANISH 1

0708340

Grade Level: 9, 10, 11, 12

1 ELECTIVE Credit / Year Long

- Prerequisite(s): ♦ “C” average in English
- ♦ FSA ELA Level 3 or higher
  - ♦ English teacher approval
  - ♦ **Not recommended for native speakers**

As a beginning Spanish student, you will learn how to engage in conversations in Spanish to express feelings and ideas and exchange opinions; demonstrate understanding of spoken and written Spanish on a variety of topics; present information and ideas to an audience through speaking and writing in Spanish; demonstrate understanding of social interaction patterns within Spanish culture(s) through participation in cultural activities; and demonstrate knowledge of use of the Spanish language within and beyond the setting. Imagine going on vacation to a Spanish-speaking country and being able to communicate and enjoy the trip to fullest!

### SPANISH 1 HONORS

#### (Pre-AICE SPANISH 1)

0708532

Grade Level: 9, 10, 11, 12

Course Weight: 0.5

1 ELECTIVE Credit / Year Long

- Prerequisite(s): ♦ “B” average in English
- ♦ FSA ELA Level 3 or higher
  - ♦ English teacher approval
  - ♦ **Not recommended for native speakers**

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

# ESPAÑOL

### SPANISH 2

0708350

Grade Level: 9, 10, 11, 12

1 ELECTIVE Credit / Year Long

- Prerequisite(s): ♦ “C” average in Spanish 1
- ♦ Spanish teacher recommendation
  - ♦ **Not recommended for native speakers**

Now that you enjoyed your trip to different Spanish-speaking countries, it is time to take it to a higher level. The purpose of this course is to enable students to enhance proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. Through the role play presentations, video tours, hands-on activities you will continue gaining vocabulary and concepts to advance your proficiency in reading, listening, writing, and speaking as well as to be able to apply knowledge of Spanish language and culture(s) to further knowledge of other disciplines. ¡Maravilloso! ¿Qué esperas? ¡Regístrate y continúa tu viaje!

### SPANISH 2 HONORS

#### (Pre-AICE SPANISH 2)

0708534

Grade Level: 9, 10, 11, 12

Course Weight: 0.5

1 ELECTIVE Credit / Year Long

- Prerequisite(s): ♦ “B” average in Pre-AICE Spanish 1
- ♦ Spanish teacher recommendation
  - ♦ **Not recommended for native speakers**

This course is a continuation of Pre-AICE Spanish Language 1. The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading and writing skills and on the acquisition of the fundamentals of applied grammar.

**WORLD LANGUAGES****SPANISH 3 HONORS****0708360****Grade Level: 10, 11, 12****Course Weight: 0.5****1 ELECTIVE Credit / Year Long****Prerequisite(s):** ♦ **"B" average in Spanish 2**

- ♦ **FSA ELA Level 3 or higher**
- ♦ **Spanish teacher recommendation**

You have not seen the best of the Spanish-speaking world yet! Are you ready for more excitement and challenge? The purpose of this course is to provide the advancing student of Spanish instruction in listening, reading, writing, and speaking through thematic units featuring family relationships, dining, and student exchange experiences in great cities in the Hispanic world. Cross-cultural understanding is fostered and real-life applications are emphasized. Additional video, internet related programs, and CD listening programs integrate grammar and composition essentials as well as advanced level vocabulary. ¡Fantástica experiencia! ¡Regístrate y déjate llevar al mundo hispano!

**SPANISH 4 HONORS****0708370****Grade Level: 10, 11, 12****Course Weight: 0.5****1 ELECTIVE Credit / Year Long****Prerequisite(s):** ♦ **"B" average in Spanish 3 Honors**

- ♦ **Spanish teacher recommendation**

Ahora que ya conoces la belleza del mundo hispano, te invito a que te quedes a profundizar en el lenguaje y la cultura. The purpose of this course is to enable students to enhance proficiency in Spanish through intensive instruction and practice in listening, speaking, writing and reading. The students will be exposed to various authentic media selection in both print and video formats (i.e. News and magazine articles, commercials, news broadcasts, films, etc.) to both enhance linguistic development as well as cultural knowledge and awareness. Students will polish speaking skills through conversations, debates and oral presentations and will further develop their writings skills through essays, reports, journal entries and projects.

**SPANISH FOR SPANISH SPEAKERS****0709300****Grade Level: 9, 10, 11, 12****1 ELECTIVE Credit / Year Long****Prerequisite(s):** ♦ **Native or fluent in Spanish**

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will reflect the cultural values of Spanish language and societies.

**NO CREDIT OPTIONS****STUDY HALL****2200300**

Students will work independently on course work from other classes. Attendance will be taken.

**NO CLASS for 1<sup>st</sup> Period****NOCL001****NO CLASS for 7<sup>th</sup> Period****NOCL007****Prerequisite(s):** ♦ **2.5 GPA**

- ♦ **On grade level**
- ♦ **Parent approval**
- ♦ **No Class form attached**

During 1<sup>st</sup> **OR** 7<sup>th</sup> period you will not have a class. The school is not responsible for your safety during that time. You must have your own transportation because you are not permitted on the campus at that time.