

# *Palatka High School*

## *Pride, Honor, and Success*

February 2016

Dear PHS Family Members

Palatka High School proudly presents our Curriculum Guide for the school year 2016-2017. These programs of study provide opportunities for individualized high school experiences for each and every student in a setting which emphasizes technical skills, high expectations, and critical thinking. Academic growth is our primary goal for every student. Our goal is to leave no child behind and to prepare all our students for a successful life beyond Palatka High School at a post-secondary institution or in the workforce.

Through our registration process, every parent and student has the opportunity to meet with his or her guidance counselor to customize their high school plan. We are excited about all instructional programs offered at our school. We encourage parents to take an active role and be involved in this annual career/education planning time. Please remember that our door is always open, and we welcome your input.

Please review this guide carefully. It will assist you in making informed decisions regarding registration. This guide contains information about graduation requirements, course offerings, and current curricula. Your schedule will be created according to the registration request form you fill out with your parents and guidance counselor at the time of registration. Over the summer, we will use these student requests to build our master course offerings. Since we build our class schedule around student requests, changes are sometimes impossible to accommodate. For this reason, any changes to course requests need to be made during the Spring scheduling window so we can make sure there is space for all students in the required courses.

Once schedules are set in July, changes will **ONLY** be made for the following reasons:

- A course was previously passed
- A course is out of sequence (i.e. Spanish II before Spanish I)
- A missing requirement for graduation by a Senior
- Pre-requisites have not been met

Some examples of situations that will NOT result in a schedule change are:

- A desire for another instructor (when you have never failed the course with the assigned teacher)
- Requested the course, but do not need the credit. All students must have a full schedule regardless of their credit status.
- Requested the course, but no longer interested in the subject
- Requested the course, but didn't complete the required summer assignment
- Desire for the class a different period
- Desire to switch out of honors or AP courses

Teachers, guidance counselors, and administrators are available to assist you and look forward to your success at PHS, where Pride, Honor, and Success abound.

Sincerely,

Mary Beth Hedstrom , Principal

**Palatka High School**  
**Curriculum Guide**  
**2016-2017**



\*\*HONORS LEVEL COURSE  
\*\*\*EOC REQUIRED

### **What are the diploma options?**

Students must successfully complete one of the following diploma options:

24-credit standard diploma  
or  
18-credit Academically Challenging 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 a comparative score on the Postsecondary Education Readiness Test (P.E.R.T.)
- 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\*  
U.S. History  
Biology I  
Algebra II (if enrolled)\*  
Geometry\*

### **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  
Biology I  
Geometry  
Algebra II  
U.S. History

### **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 (CTE) course with related content for one credit in ELA IV, mathematics, science and social studies (excluding Algebra I, Geometry, Biology I 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?**

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

ELA I, II III, IV

ELA honors, Advanced Placement (AP), Advanced International Certificate of Education (AICE), International Baccalaureate (IB) and dual enrollment courses may satisfy this requirement

**4 Credits Mathematics**

One of which must be Algebra I and one of which must be Geometry

Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry)

**3 Credits Science**

One of which must be Biology I, two of which must be equally rigorous science courses.

Two of the three required credits must have a laboratory component.

An industry certification that leads to college credit substitutes for up to one science credit (except for Biology I)

An identified rigorous computer science course with a related industry certification substitutes for up to one science credit (except for Biology I)

**3 Credits Social Studies**

1 credit in World History

1 credit in U.S. History

.5 credit in U.S. Government

.5 credit in Economics with Financial Literacy

**1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts †**

**1 Credit Physical Education†**

To include the integration of health

† Special Note: Eligible courses and eligible course substitutions are specified in the Florida Course Code Directory at <http://www.fldoe.org/policy/articulation/ccd>.

**8 Elective Credits**

**1 Online Course**

**Students must earn a 2.0 grade point average on a 4.0**

**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 s. 1003.4282(3)(a)-(e), F.S.).**

### **REGISTRATION GUIDELINES**

1. Study the courses in the curriculum guide and go over them with your core teachers to determine your eligibility for Honors/AP level classes.
2. Access the curriculum guide on the school website and discuss your options and choices with your parents or guardians.
3. Write down any questions you have for your guidance counselor or teachers.
4. Complete the registration including full name and phone numbers where you can be reached during the summer.
5. Paying close attention to course requirements outlined in the curriculum guide, select your courses you desire on the form and if you desire us to consider you for an Honors or AP course, you will need to make sure that you select the box indicated and either provide a teacher recommendation or once we receive test scores we will look at your request for placement in the subjects you selected.
6. Clearly indicate your elective choices by ranking them in priority order. Every effort is made to give you your top choices; however, if there is a scheduling conflict, alternate course selections must be made. If you do not choose alternate courses, one or more will be selected for you and will **NOT** be changed at a later date.
7. Ensure that both you **and** your parent or guardian, sign your registration form.
8. Turn in your completed registration form on or before the deadline to the designated person at school during your registration time.

Course Requests – The following courses may only be taken in the grade level indicated below on the chart (except students who took Algebra 1 in 8<sup>th</sup> grade; those students may take the next level math). If you wish to take these classes outside of the recommended grade level, you may do so through Florida Virtual School outside of the school day.

| 9 <sup>th</sup> Grade                         | 10 <sup>th</sup> Grade   | 11 <sup>th</sup> Grade  | 12 <sup>th</sup> Grade   |
|---|--|---|--|
| -English 1<br>-Algebra 1 or Liberal Arts Math | -English 2<br>-Geometry or Liberal Arts Math<br>-World History | -English 3<br>-Algebra 2 or Liberal Arts Math or Geometry<br>-U. S. History | - English 4: College Prep<br>- Pre-Calculus or Math for College Readiness<br>- U. S. Government<br>- Economics |

Students who fail one of the classes listed above, must retake the class the next semester (if space is available) or in a subsequent year (the credit recovery lab is not an option during the school day).

All students must choose seven (7) classes for next year. Among those seven classes there will need to be at least one class from each core subject (English, Math, Science, and Social Studies – Social Studies is optional in 9<sup>th</sup> grade ) until graduation requirements are met.

Underclassmen are strongly encouraged to take classes to satisfy their Fine/Performing Art Credit and Physical Education Credit as early as possible.

Dual Enrollment: If you wish to dual enroll with St. Johns River State College, you must place those requests on your schedule. Your schedule will not allow for overlapping (i.e. Your dual enrollment class cannot make you leave a PHS class early or arrive to a PHS class late).

Advanced Placement – Students may choose these upper level classes without any restriction with the following exceptions:

- FCAT Reading Level 1 & 2– students, parents, school counselor and/or administration should meet to discuss a request

Students are encouraged to satisfy their FLVS requirement in 9<sup>th</sup> or 10<sup>th</sup> grade. Students who wish to take a FLVS class during the day must request “No Credit Study Hall” and indicate on their registration form which FLVS class they plan to take. The student is responsible for requesting the class over the summer and getting the required documentation to Guidance before they leave for the summer.

## SCHEDULING PROCEDURES

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

- If the course doesn't have enough requests to justify offering it then every attempt will be made to select the student's alternate requests from the course request form in order of availability.
- If two courses requested are offered at the same time, the student can only be scheduled into one of them. The student will be scheduled into an alternate course to replace the unscheduled course.
- A student chooses a course that has prerequisite and that requirement has not been met including the final grade in the prerequisite course, then the student's schedule will be adjusted accordingly.
- Test score results are received and may require Intensive Reading or Remedial courses that haven't been requested by the student. The schedule will be adjusted to comply with state law and graduation requirements.
- A review of the student's academic history reveals a need to have a course added to the schedule in order to assist in staying on track for graduation.

For these reasons, it is crucial that the student completes the alternate selections section of the course request form and provides current updated contact information in the event we need his or her input on the decision.

## SCHEDULE CHANGE PROCEDURES

The Master Schedule is created based on student requests. The number of sections and course offerings are dependent upon these numbers staying consistent. **All course request changes will need to be completed DURING the Spring Registration Window.** Schedules will be available prior to the first day of school. During the first 5 days of school.

**ALL schedule change requestswill be reviewed and denied unless they meet the following criteria:**

- A student is mis-scheduled because of inadequate or erroneous information
- Administrative action becomes necessary because of imbalance of class loads, loss of teaching unit, unique or unforeseen circumstances
- An additional course is needed to meet graduation requirements
- A schedule adjustment is required because a student already has received credit in the scheduled class.
- A student hasn't met the prerequisite requirement
- The student is scheduled for too many or not enough courses.

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

**COURSE CANCELLATION**

Palatka High School reserves the right to drop any course due to insufficient enrollment.

**PROMOTION CRITERIA**

In order to be promoted at the end of each year, students must have earned the following credits:

- 9<sup>th</sup> to 10<sup>th</sup> grade-----5 credits
- 10<sup>th</sup> to 11<sup>th</sup> grade-----11 credits
- 11<sup>th</sup> to 12<sup>th</sup> grade-----17 credits

Mid-year promotions will be permitted only for those students who failed to meet promotion criteria at the start of the year.

To be on track for graduation, one additional credit is required at the end of each year.

**GRADING SCALE**

The following is the current grading system for the Putnam County School District as mandated by the Florida Legislature:

- A 90—100
- B 80—89
- C 70—79
- D 60—69
- F 0—59

Conduct grades will be given as follows:

- S—Satisfactory
- N—Needs Improvement
- U--Unsatisfactory

***\*To qualify for Honor Roll, a student must receive all A’s and B’s and no conduct grades of N or U.***

Report cards will be sent home four times per year at the end of the nine-week grading period.

Progress reports are issued at the mid-point of each grading period.

To calculate the GPA, the Putnam County School District uses the following:

| <b>Letter Grade</b> | <b>Quality Points</b> |
|---------------------|-----------------------|
| A                   | 4                     |
| B                   | 3                     |
| C                   | 2                     |
| D                   | 1                     |
| F                   | 0                     |

### **WEIGHTED COURSES**

All classes weighted as Honors, Dual Enrollment, or Advanced Placement will receive weighted grades according to the following grading scale:

| <b>Letter Grade</b> | <b>Quality Points</b> |
|---------------------|-----------------------|
| A                   | 5                     |
| B                   | 4                     |
| C                   | 3                     |
| D                   | 2                     |
| F                   | 0                     |

When considering students for college admission, most colleges and universities recalculate a student's GPA using ONLY grades from Language Arts, Math, Science, Social Studies, and World Languages. Additionally, the weight given to Honors, AP, and Dual Enrollment courses may be different than the weight the Putnam County School District uses in calculating GPAs. It is important to check with the post-secondary institution of choice to verify their method of calculation.

### **Attendance**

The Putnam County School District has a strict policy regarding attendance. Students who miss more than six and one-half days (6 ½) during a semester will not receive credit for that semester unless they pass a mastery exam in which case their grade will be lowered to a 70% (C). If a student does not meet the attendance requirement and does not pass the mastery exam, their grade will be lowered to a 59% (F).

### **Honors Criteria**

Students who meet one of the criteria listed below can take an Honors Level course.

- Content area teacher recommendation for Honors
- **Grades** – A grade of “C” or better in the previous honors courses. **FSA/EOC**– Level 4 or 5 in appropriate area and not less than a level 3 in any area.

**FSA Reading and Math scores will be used for placement in English and Social Studies courses and FSA Math /EOC Algebra scores will be used for placement in Math and Science courses.**

Honor Graduate Status is based on a **weighted 3.5 or better GPA. This status is determined at the end of the 7<sup>th</sup> semester or 1<sup>st</sup> semester of Senior year.** There are three levels of Honor graduate:

- Summa Cum Laude 4.0 or above
- Magna Cum Laude 3.750-3.999
- Cum Laude 3.500-3.749

## Time and Effort Chart

| Course Level               | Lectures/Discussion | Homework Load                                       | Daily at Home Reading Requirement                                 | At Home Study Time                   |
|----------------------------|---------------------|---|---|--------------------------------------|
| Non-Honors Courses         | 40% of class time   | Written assignments                                 | Minimal, reading sections of textbooks                            | 30 minutes per class period          |
| Honors Courses             | 60% of class time   | Written assignments and independent study time      | Moderate, Reading the textbook chapter.                           | 45 minutes per class period.         |
| AP Courses/Dual Enrollment | 80% of class time   | Written assignments, maximum independent study time | High, Reading the textbook chapter, and some outside assignments. | 1 hour to 1.5 hours per class period |

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

***Students should choose their course request carefully. If the student request for honors or AP is granted, the student may drop the course ONLY if ALL of the following conditions exist:***

- **Student has a grade of D or F**
- **Completion of a parent conference during each grading period**
- **Demonstration of the student seeking consistent academic assistance (ex. Attending tutoring sessions on a regular basis, completing all assignments, etc.)**
- **Space available in a comparable class**

## Dual Enrollment Criteria

The Putnam County School District in partnership with St. Johns River State College under the articulation agreement with the State University System and the State of Florida provide opportunities for students to earn college credit at the same time they are earning high school credit. In order for a student to be eligible the following criteria must be met:

- \*Have a minimum 3.0 unweighted cumulative GPA
- \* Demonstrate readiness for college or career level course work
- \*Be seeking a vocational certificate, a college credit vocational/technical certificate, an associate in science college degree, or an associate in arts college degree
- \*Be classified as a high school junior or senior and have demonstrated academic, social and emotional maturity to ensure success in college level study
- \*Have a counselor and principal's approval
- \*Maintain a "C" or better in each class to remain in the dual enrollment program
- \*Be aware that receiving a "W", "D" or an "F" for any course results in ineligibility to remain in the dual enrollment program

The following test scores are what the State of Florida deems acceptable results from the American College Test (ACT), the Scholastic Aptitude Test (SAT), the Common Placement Test (CPT) or another standardized placement test for college level English and Math:

\*\*HONORS LEVEL COURSE  
 \*\*\*EOC REQUIRED

|            | <b>English</b> | <b>Reading</b> | <b>Math</b> |
|------------|----------------|----------------|-------------|
| <b>ACT</b> | 17             | 19             | 19          |
| <b>SAT</b> | 440            |                | 450         |
| <b>CPT</b> | 83             | 83             | 72          |

Students must meet college readiness scores in all areas to be eligible for Dual Enrollment.

| <b>Standard GRADUATION REQUIREMENTS</b> | <b>Class of 2017<br/>Students entering 9<sup>th</sup> grade in 2013-14</b>  | <b>Class of 2018<br/>Students entering 9<sup>th</sup> grade in 2014-15</b>  | <b>Class of 2019<br/>Students entering 9<sup>th</sup> grade in 2015-16</b>  | <b>Class of 2020<br/>Students entering 9<sup>th</sup> grade in 2016-17</b>  |
|---|---|---|---|---|
| <b>English Credits</b>                  | 4 credits of English Language Arts  |
| <b>Math Credits</b>                     | 4 credits of Math- Must include Algebra I and Geometry  | 4 credits of Math- Must include Algebra I and Geometry  | 4 credits of Math- Must include Algebra I and Geometry  | 4 credits of Math- Must include Algebra I and Geometry  |
| <b>Science Credits</b>                  | 3 Science Credits – Biology and 2 must include a lab component  | 3 Science Credits – Biology and 2 must include a lab component  | 3 Science Credits – Biology and 2 must include a lab component  | 3 Science Credits – Biology and 2 must include a lab component  |
| <b>Social Studies Credits</b>           | 3 credits- World History, US History, U.S. Government and Economics   | 3 credits- World History, US History, U.S. Government and Economics   | 3 credits- World History, US History, U.S. Government and Economics   | 3 credits- World History, US History, U.S. Government and Economics   |
| <b>Physical Education Credit</b>        | .5 Credit of PE and .5 credit of Personal Fitness   | .5 Credit of PE and .5 credit of Personal Fitness   | .5 Credit of PE and .5 credit of Personal Fitness   | .5 Credit of PE and .5 credit of Personal Fitness   |
| <b>Art Credit</b>                       | 1 credit of Performing/Fine Art   |
| <b>Elective Credits</b>                 | 8 elective credits  | 8 elective credits  | 8 elective credits  | 8 elective credits  |
| <b>Total Number of Credits</b>          | 24 Credits  | 24 Credits  | 24 Credits  | 24 Credits  |
| <b>GPA Requirement</b>                  | 2.0 or higher   | 2.0 or higher   | 2.0 or higher   | 2.0 or higher   |
| <b>State Assessment Requirements</b>    | Passing Score on the 10 <sup>th</sup> grade ELA, Passing Score on the Algebra I EOC ,Participation in Geometry EOC, Biology EOC, US History EOC, and Algebra 2 EOC (if enrolled). | Passing Score on the 10 <sup>th</sup> grade ELA, Passing Score on the Algebra I EOC ,Participation in Geometry EOC, Biology EOC, US History EOC, and Algebra 2 EOC (if enrolled). | Passing Score on the 10 <sup>th</sup> grade ELA, Passing Score on the Algebra I EOC ,Participation in Geometry EOC, Biology EOC, US History EOC, and Algebra 2 EOC (if enrolled). | Passing Score on the 10 <sup>th</sup> grade ELA, Passing Score on the Algebra I EOC ,Participation in Geometry EOC, Biology EOC, US History EOC, and Algebra 2 EOC (if enrolled). |
| <b>Online Class Requirement</b>         | At least one course of the 24 credits must be completed through online learning.  | At least one course of the 24 credits must be completed through online learning.  | At least one course of the 24 credits must be completed through online learning.  | At least one course of the 24 credits must be completed through online learning.  |

## **EXCEPTIONAL STUDENT EDUCATION**

Students who have been identified as Intellectually Disabled, Deaf or Hard of Hearing, Specific Learning Disabled, Physically Impaired, Language Impaired, or Emotionally Disabled may be eligible for a Special Diploma.

### **Special Option 1 – Academic Track (Level 1 academic courses)**

| <b>Current Requirements for Class of 2017</b> |  |
|---|--|
| 2.0 GPA and 20 CREDITS                        |  |
| --2 English/Reading                           |  |
| --2 Math                                      |  |
| --2 Science                                   |  |
| --2 Social Studies                            |  |
| --11.5 electives                              |  |
| --.5 Life Management                          |  |
|   |  |

### **Special Option 2 – Work Experience Diploma Option**

| <b>Current Requirements for Class of 2017</b> |  |
|---|--|
| NO GPA and 12 CREDITS                         |  |
| --1 English/Reading                           |  |
| --1 Math                                      |  |
| --2.5 Career Classes                          |  |
| --7.5 Electives                               |  |
| --1 semester or 90 hours paid employment      |  |
| --Mastery of IEP Goals                        |  |
| --Mastery of Training Plan                    |  |

- \*All alternately assessed students will be enrolled in Access Point courses.

### **Class of 2018 and beyond**

4 Credits – English Language Arts

4 Credits – Mathematics (Must include Algebra 1 and Geometry)

3 Credits – Science (Must include Biology and two of which must have a laboratory component)

3 Credits – Social Studies (World History, U.S. History, U.S. Government, Economics)

½ Credit – Personal Fitness

½ Credit – Physical Education Elective

1 Credit – Fine/Performing Art/Speech/Debate/Practical Art

8 Credits – Elective

- *ESE Students who's Individual Education Plan (IEP) indicates that the student is Alternatively Assessed will take Access Courses to meet the Standard Diploma requirements*

## **Extracurricular Clubs**

|                                    |                    |
|------------------------------------|--------------------|
| Anchor Club                        | Student Council    |
| SADD                               | High-Q             |
| National Honor Society             | Interact           |
| Key Club                           | Newspaper          |
| ROTC                               | VICA               |
| Fellowship of Christian Athletes   | Yearbook           |
| Future Business Leaders of America | Gaming Club        |
| Future Farmers of America          | History Club       |
| Future Educators of America        | Student Government |
| HOSA                               | Archery            |

## **EXTRACURRICULAR SPORTS**

### **Athletic Director: Bobby Humphries**

Palatka High School is a member of the Florida High School Athletic Association (FHSAA) and complies fully with all of the rules and procedures sanctioning these contests.

### **PHS offers the following sports:**

**FALL:** Girls Volleyball, Football, Swimming, Cross Country, Golf

**WINTER:** Soccer, Girls Weightlifting, Basketball, Wrestling

**SPRING:** Boys Weightlifting, Tennis, Softball, Baseball, Track, Girls Flag Football

**For more information on sports please see or call Mr. Humphries at 329-0577.**

### **Interscholastic Extra Curricular Eligibility**

1. An incoming ninth-grader must have been regularly promoted from the eighth grade according to the school's Pupil Progression Plan to be eligible during the fall semester.
2. 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.
3. Each Semester Thereafter:
  - a. 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.  
\*Exceptional students who are pursuing a special high school diploma shall be required to maintain a cumulative GPA of 2.0 on a 4.0 scale in all those courses necessary for the completion of the requirements for the special diploma as prescribed by the district school board.

## **ATHLETIC ELIGIBILITY & NCAA**

*Any student interested in playing sports in college should plan on meeting with your guidance counselor each year to make sure all necessary coursework and paperwork is in place to ensure eligibility.*

**Any athlete seriously considering a scholarships for Division I or II schools must schedule an appointment to meet with our NCAA eligibility counselor during the Spring of their Junior year to obtain information and begin the process for NCAA Eligibility Center.**



## **FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM**

**The criteria changes annually so contact your Guidance counselor for more current information in the Fall**

In 1997, the Florida Legislature created the Florida Bright Futures Scholarship Program and declared it to be the first education program funded each year from the Florida Lottery. This scholarship program rewards students for their academic achievements during high school by providing funding for them to pursue further educational and career goals. The program is voted on by the State Legislature each year. As a result, **changes often occur** in the program.

BRIGHT FUTURE SCHOLARSHIP consists of these three scholarship opportunities for Florida graduates:

**FLORIDA ACADEMIC SCHOLARS AWARD (FAS)  
FLORIDA MEDALLION SCHOLARS AWARD (FMS)  
GOLD SEAL SCHOLARSHIPS- Programs of Study completers**

Additional information is available on the Florida Department of Education web site at

[www.MyFloridaEducation.com/brfuture](http://www.MyFloridaEducation.com/brfuture) or

[www.FloridaStudentFinancialAid.org/SSFAD/bf/](http://www.FloridaStudentFinancialAid.org/SSFAD/bf/) or toll-free: 1-888.827-2004.

### **Note:**

A student graduating from high school during the 2014-15 academic year and applying for state aid for the 2015-16 academic year must apply for a Florida Bright Futures Scholarship after December 1 and **prior** to high school graduation. To apply a student must have completed a **Free Application for Federal Student Aid (FAFSA)** and completed **Initial Student Florida Financial Aid Application (FFAA)** during the last year in high school by visiting [www.FloridaStudentFinancialAid.org](http://www.FloridaStudentFinancialAid.org) and selecting "State Grants, Scholarships and Applications," then "Apply Here."

- A student may receive funding for only one award (Florida Academic Scholars, Florida Medallion Scholars, or Gold Seal Vocational Scholars). The highest award earned by the student will be selected.
- Initial eligibility requirements must be met prior to high school graduation from a Florida public or FDOE-registered private high school.
- **2009-10 high school graduates and thereafter** eligible for Bright Futures:
  - a. May receive funding for up to 100% of the required hours for their program of study
  - b. May **ONLY** restore their award if the award is lost due to **insufficient GPA in the first year of funding**

### **Required Hours for Renewal:**

**Students are NOT REQUIRED to enroll full-time to receive Bright Futures funding.**

However, full-time students must earn 24 semester hours (or the equivalent) per academic year

**Students MAY enroll part-time and receive Bright Futures funding.**

Part-time students must enroll in a minimum of 6 hours per term Part-time students must earn the required number of hours for which they were funded.

## **READY TO WORK and CAREER COUNSELING**

\*\*HONORS LEVEL COURSE

16

\*\*\*EOC REQUIRED

We will have a new format this year for the 4 year plans. Ms. Cauble, our Career Specialist for the district, will be working with students on this project. Students should write and continue to update their 4 year plan as this will help you plan and focus on taking the necessary courses to achieve your post secondary goals. If you or your parents need additional help or information, please contact our district Career Counselor, Janet Cauble at [jcauble@putnamschools.org](mailto:jcauble@putnamschools.org) or 329-0577 ext. 495

Ready to Work is a career credential that the State of Florida has implemented for high school students to prepare for the workforce. Students are given tutorials and assessed on various skills in academics and employability. Many employers are familiar with this program as it is another preparatory program that the state has in place to prove students are workforce ready. For more information please contact our district Career Counselor, Janet Cauble at [jcauble@putnamschools.org](mailto:jcauble@putnamschools.org) or 329-0577 ext. 495

## **TESTING :REQUIRED and OPTIONAL**

### **REQUIRED TESTS**

**FCAT**-Florida Comprehensive Assessment Test **FSA** – Florida Standards Assessment

- Measures skills in reading and writing
- Students must achieve a passing score of Level 3 on FSA/FCAT Reading to meet graduation requirements
- Reading is administered in April to all 9<sup>th</sup> & 10<sup>th</sup> graders
- Writing is administered to 9<sup>th</sup> & 10<sup>th</sup> graders in February.

**END OF COURSE EXAMS** \* see graduation requirement of 9<sup>th</sup> grade entrance year

- Algebra I EOC exam required with a passing score of Level 3 for high school credit to be earned.
- Geometry, Biology and US History EOC exams are required and will count as 30% of course grade.

### **SCHOOL INTERIM ASSESSMENTS-**

- Standards based progress monitoring assessments and mastery exams will be given in each course
- School Interim Assessments (SIA) will count as a minimum of 10% of grade per quarter

**PSAT** Preliminary Scholastic Aptitude Test and National Merit Scholarship Qualifying Test

- All 9<sup>th</sup> and 10<sup>th</sup> grade students take this test free of charge
- This test should be used for making decisions about classes for the last two years of high school
- For college bound students, this is an opportunity to practice for the 11th grade PSAT
- For college bound juniors, the test is given in October for a fee
- This test is required of Juniors for consideration for National Merit Scholarships

**SAT** - All Putnam County 11<sup>th</sup> graders will take part in the Statewide administration in the Spring.

**AP Exams**-Advanced Placement Examination

- Highly encouraged for students enrolled in AP courses
- Given in May for college credit

### **OPTIONAL TESTS**

**ASVAB**-Armed Services Vocational Aptitude Battery

- Given to juniors and/or seniors who pre-register
- Assist students in determining career interests and aptitude

**ACT** - College Entrance Exam. [www.act.org](http://www.act.org)

- College bound students may take as part of college entrance requirements
- **Students should be near the completion of Algebra II for best results on the math portion**
- Measures performance in English, Mathematics, Reading and Science Reasoning, Writing optional
- Testing dates are in September, October, December, February, April, and June
- Fee requirement; must register on-line
- Registration packets for dates, times, and locations of administration can be picked up in Guidance
- Required for Bright Futures eligibility (or SAT)

**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 II before taking this test**
- Required for consideration as National Merit Scholarship Finalist
- Measures performance in Mathematics, Critical Thinking and Writing abilities
- Testing dates in October, November, December, January, April, May and June
- Fee requirement; must register on-line • Registration packets for dates, times, and locations of administration can be picked up in Guidance
- Required for Bright Futures eligibility (or ACT)

**P.E.R.T**- Postsecondary Education Readiness Test

**ACCUPLACER (CPT)**- College Placement test

- Optional placement test for students wanting to Dual Enroll and that haven't taken the ACT or SAT.

### Advanced Scholars Track

The PHS Advanced Scholars track is for students that are highly motivated and interested in an academic path that includes mostly honors, AP, and dual enrollment level classes. The intention is to provide students with a rigorous high school curriculum that affords them the opportunity to earn many college credits.

#### Sample Advanced Academic Track

|                                    | 9 <sup>th</sup>  | 10 <sup>th</sup>                     | 11 <sup>th</sup>  | 12 <sup>th</sup>   |
|------------------------------------|--|--------------------------------------|---|--|
| <b>English Requirement</b>         | English I Honors   | English II Honors                    | AP Language and Composition or DE Composition I & II                              | AP English Literature or DE Composition I & II or Introduction to Literature                                     |
| <b>Math Requirement</b>            | Algebra 1 Honors or Geometry Honors  | Algebra II Honors<br>Geometry Honors | Algebra II Honors<br>Pre-Calculus, or DE<br>College Algebra                       | DE College Algebra<br>DE PreCalculus, or<br>DE Calculus I<br>Pre-Calculus  |
| <b>Science Requirement</b>         | Biology Honors   | Chemistry Honors                     | Physics AP Biology<br>or<br>Anatomy and<br>Physiology Honors or<br>any DE Science | Physics or<br>AP Biology or<br>Anatomy and<br>Physiology Honors or<br>any DE Science                             |
| <b>Social Studies Requirement</b>  | AP Human<br>Geography  | AP World History or                  | AP US History or<br>DE U.S. History I & II  | US Gov't Honors or<br>DE US Federal Gov't<br><b>AND</b><br>Economics Honors or<br>DE Macro or Micro<br>Economics |
| <b>World Language Requirement</b>  | Spanish I  | Spanish II                           | DE ASL I & II   |  |
| <b>Electives and Special Notes</b> | 10 <sup>th</sup> grade- DE College Success Skills & Career Development<br>All other Graduation requirements<br>11 <sup>th</sup> and 12 <sup>th</sup> grade - any DE Course where you satisfy the prerequisite criteria |                                      |   |  |

### DIPLOMA DESIGNATION

During the 2013 legislative session, a law was passed that allowed for students to earn two different designations that will be noted on their diplomas if the student meets the criteria.

#### Scholar Designation Requirements:

- Meet the 24-credit standard high school diploma requirements
- Earn 1 credit in Algebra 2
- Earn 1 credit in statistics or an equally rigorous mathematics course (must be a Level 3 course, ex: AP Statistics, Precalculus, DE Math)
- Pass the Biology 1 EOC
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in a course equally rigorous to Chemistry or Physics (must be a Level 3 course, ex: DE Science, Anatomy and Physiology Honors, PLTW Biomedical, Agriscience, etc.)
- Pass the US History EOC
- Earn 2 credits in the same world language
- Earn at least 1 credit in Advanced Placement or Dual Enrollment Course

#### Merit Designation Requirements:

- Meet the requirements for a standard high school diploma.
- Attain one or more industry certifications from one of the following programs: Culinary, Health Science (2 programs), Welding, Agriculture (2 programs), Administrative Assistant (Business), Cisco Systems, Early Childhood, Automotive

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED



**AVID'S Mission is to close the achievement gap by preparing all students for college readiness and success in a global society.**

AVID is an approved elective course taken during the school day. Students are usually selected to enroll in an AVID class after an application process. For one class period a day, they learn organizational and study skills, work on critical thinking and asking probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college seem attainable. Students enrolled in AVID are typically required to enroll in at least one of their school's toughest classes, such as honors or Advanced Placement®, in addition to the AVID elective. As students progress in AVID, their self-images improve, and they become academically successful leaders and role models for other students. Parent involvement is a requirement for the AVID program. We hold monthly parent partnership meetings to help support the learning environment and relationship between home and school.

9<sup>th</sup> grade AVID course is available.

To apply for this program, please contact Marlene Ogle at 329-0577 or [mogle@my.putnamschools.org](mailto:mogle@my.putnamschools.org)

## Career and Technical Education

Palatka High School offers a variety of Career and Technical Education classes that follow a Program of Study Career Path so students can earn Industry Credentials while still in high school. Many of these programs help prepare students to enter the workforce immediately upon graduation with a certification in hand. Just completing three years of a program

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

of study will give your child the knowledge and experience needed to graduate from PHS as a Program Completer and a product of our school mission—Post Secondary ready for Careers and the Workforce.

**Programs of Study at PHS :**  
***Administrative Office Specialist***  
***Automotive Maintenance and Light Repair***  
***Culinary Arts***  
***Computer Systems and Information Technology***  
***Early Childhood***  
***Health Science***  
***Horticulture Science***  
***Agritechnolgy***  
***Welding Technologies***  
***Digital Photography***

**CAPE ACADEMIES at PHS**

Students participating in the following CAPE (Career and Professional Education Act) Academies are working to receive Industry Certification prior to their High School graduation. Upon graduation and completion these students are workforce ready with the following credentials:

| <b>CAPE Program</b>                         | <b>Certification Test(s)</b>   |
|---|--|
| Automotive Maintenance and Light Repair     | ASE Certification & FL Automotive Dealers Association Certifications       |
| Culinary Arts                               | Serv-Safe and Prostart   |
| Health Science                              | Certified Medican Administrative Assistant and Certified Nursing Assistant |
| Welding Technologies                        | Certified Welder   |
| Horticulture Science                        | Certified Horticulture Professional and Certified Agritechnician           |
| Computer Systems and Information Technology | CISCO Networking and Comptia A+  |
| Administrative Office Specialist            | Microsoft Office Specialist  |

## **PROJECT LEAD THE WAY**

### **Biomedical Academy and Engineering Academy**

PLTW Engineering and Biomedical Sciences programs offer students an array of advantages, from career readiness and hands-on experience to college preparatory-level classes, labs, and creative exercises. PLTW students succeed in the classroom and in life.

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

Our programs are designed to appeal to all students, from those already interested in STEM-related fields, to those whose experience in the sciences and math has been less comprehensive or who find themselves uninterested in traditional STEM curricula.

Students will be taking an End of Course assessment in all courses which could qualify them for college credit.

***Due to rigor of these courses, admittance into this college/career pathway, requires an application process. Please see your guidance counselor for an application packet.***

### **Principles of the Biomedical Sciences**

**Course #8708110\*\*\* – 1 credit\*\***

#### **Grade 9 -10**

**Honors Level**

Students investigate the human body systems and various health conditions. 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. Students are introduced to human physiology, medicine, research processes and bioinformatics. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. Rigorous hands on curriculum that connects research to practice.

### **Human Body Systems**

**Course #8708120\*\*\* – 1 credit\*\***

#### **Grade: 10 -11 Honors Level**

Students 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**

**Course #8708130\*\*\* – 1 Credit\*\***

#### **Grade 11-12 Honors Level**

Students 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. Prerequisite Principles of the Biomedical Sciences

### **Biomedical Innovations Course**

**Course#8708140\*\*\* (1 credit) \*\***

#### **Grade 12**

**Honors Level**

In this capstone course, students 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. Prerequisite – completion of three course sequence

## **PROJECT LEAD THE WAY**

***Due to rigor of these courses, admittance into this college/career pathway, requires an application process. Please see your guidance counselor for an application packet***

**Engineering Pathways-** The curriculum is designed as a four-year high school sequence; Introduction to Engineering Design, Principles of Engineering, and Digital Electronics. These courses will be supplemented by a number of electives to create eight rigorous, relevant, reality-based courses.

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

**Introduction to Engineering Design****Course# 8600550\*\*\* – 1 credit\*\*****Grade: 9 -10 Honors Level**

This course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions, document the process, and communicate the results. Rigorous hands on course that combines technology and application. *This course also fulfills the Performing Art credit required for graduation.*

**Principles of Engineering****Course #8600520\*\*\* -1 credit\*\*****Grade: 10 -11****Honors Level**

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the required knowledge and skills in mathematics, science, and technology. Through problem-based learning strategies, students study key engineering topics, including mechanisms, energy sources, energy applications, machine control, fluid power, statics, material properties, material testing, statistics, and kinematics. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.

**Digital Electronics****Course #8600530\*\*\* 1 credit\*\*****Grade 11 -12****Honors level**

This is a course in applied logic that encompasses the application of electronic circuits and devices. Students are exposed to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

**Engineering Design & Development (EDD)****Course #8600160\*\*\* 1 credit\*\*****Grade 12****Honors Level**

Students will work in teams to research, design, test and construct a solution to an open ended engineering problem. The product development life cycle and design process are used to guide and help the team reach a solution to the problem. The team will be required to present and defend their solution to a panel at the conclusion of the course. Prerequisite: completion of previous course sequence

***EDD is the capstone course in TCD's PLTW Pathway to Engineering course sequence. For maximum recognition or credit from PLTW-affiliated colleges and universities, it is recommended that a student successfully complete the two foundation courses, one specialized course, and the capstone course. Some affiliates give recognition/credit on a course by course basis***

## PHS COURSE DESCRIPTIONS

*We hope to offer all the programs and classes listed on the following pages; however, sometimes a class or program must be cancelled if there is either a low number of requests or if a qualified/certified teacher becomes unavailable to teach the course/program. Therefore, it is imperative that students select viable **ALTERNATES** on their course request form, as there is a good chance alternates will need to be used.*

\*\*HONORS LEVEL COURSE

\*\*\*EOC REQUIRED

**ENGLISH/LANGUAGE ARTS****INTENSIVE READING****1000410 (Up to 3 credits) Grades 9-12**

The purpose of this course is to provide state mandated remedial instruction and practice in reading skills for students who are below grade level on the FCAT Reading test (level 1 & some level 2's). The content will include a diagnosis of individual student needs and test taking skills and strategies specifically focused on reading. Intensive Reading does not meet graduation requirements for English, it is an elective. \*Note: When PHS receives your FCAT scores in May, student course requests will be adjusted. If you scored at Level 1 & 2 on the reading section of the FCAT or below the 26 percentile on the norm referenced test, your schedule will be changed to include Intensive Reading for remediation. This is state mandated.

**ENGLISH I****1001310 – (1 Credit) Grade 9**

The purpose of this course is to provide instruction in English language skills including reading, writing, speaking and listening in the content areas of world literature.

The purpose of this course is to provide English 1 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

**\*\*ENGLISH I HONORS****1001320 (1 Credit) Grade 9*****Prerequisites: Meet honors level criteria***

The purpose of this course is to provide English 1 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

**ENGLISH 2****1001340 (1 CREDIT) Grade 10*****Prerequisite: English I***

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

**\*\*ENGLISH 2 HONORS****1001350 (1 CREDIT) Grade 10*****Prerequisites: Meet honors level criteria***

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

Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

**\*\*Contemporary Literature Honors****1020840 ( ½ Credit) Grade 9-10**

The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of contemporary literature through advanced integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative

**\*\*HONORS LEVEL COURSE**

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**\*\*\*EOC REQUIRED**

contemporary literature, with its varied cultural influences, highlighting the major genres, themes, issues, and influences associated throughout the literary period.

**Honors and Advanced Level Course Note:** Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

### **ENGLISH 3**

**1001370 (1 CREDIT) Grade 11**

***Prerequisite: English 2***

The purpose of this course is to provide grade 11 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

### **ENGLISH 3 Honors**

**1001380 (1 CREDIT) Grade 11**

***Prerequisites: Meet honors level criteria***

The purpose of this course is to provide grade 11 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

**Honors and Advanced Level Course Note:** Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

### **ENGLISH 4 COLLEGE PREP**

**1001405(1 CREDIT) Grade 12**

***Prerequisite: English 3***

This course incorporates reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses. The benchmarks reflect the Florida Postsecondary Readiness Competencies necessary for entry-level college courses and are also related to the College and Career Readiness (CCR) anchor standards, the exit standards of Florida's K-12 Common Core Standards.

The purpose of this course is to provide instruction in English language and writing skills based on the English 4 curriculum with an emphasis on postsecondary readiness. The benchmarks of this course reflect the Florida College Competencies necessary for entry-level college courses and are also related to the College and Career Readiness anchor standards, the exit standards of Florida's Common Core Standards.

### **ENGLISH 4 Honors**

**1001410 (1 CREDIT) Grade 12**

***Prerequisites: Meet honors level criteria***

The purpose of this course is to provide grade 12 students using texts of high complexity, advanced integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

**Honors and Advanced Level Course Note:** Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

**AMERICAN LITERATURE****1005310 (1 Credit) Grade 11-12**

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

**\*\*GREAT BOOKS HONORS****1020860 (1 Credit) Grade 11-12**

The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of great literature through advanced integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative "great books," including ones with varied cultural influences, highlighting the major genres, themes, issues, and influences associated throughout the literary period.

Honors and Advanced Level Course Note: Academic rigor is more than simply assigning to students a greater quantity of work. Through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted, students are challenged to think and collaborate critically on the content they are learning.

**\*\*AP ENGLISH LANGUAGE & COMPOSITION****1001420 (1 CREDIT) Grades 11-12**

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes . Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Students are required to take the AP exam. \*

**\*\*AP ENGLISH LITERATURE & COMPOSITION****1001430(1 CREDIT) Grade 11-12**

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. Students are required to take the AP exam.

**Creative Writing****1009320 (½ Credit) Grade 9-12**

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

**Important Note:** Reading and writing courses should not be used in place of English language arts courses; reading and writing courses are intended to be used to supplement further study in English language arts.

**Writing****1009300 (½ Credit) Grade 9-12**

The purpose of this course is to enable students to develop and use grade level 9-10 writing and language skills in a variety of writing formats for argumentative, informative, and narrative purposes to ensure preparation for college and career readiness.

**JOURNALISM I, 2, 3, 4 (NEWSPAPER)****1006300N (1 Credit Each) Grades 9-12****\*\*HONORS LEVEL COURSE**

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**\*\*\*EOC REQUIRED**

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

The content will include, but not be limited to, instruction in recognizing and writing news for journalistic media and in developing editorials, sports articles, and feature stories for the school newspaper.

### **JOURNALISM I, 2, 3 & 4 (YEARBOOK)**

**1006300Y (1 Credit Each) Grades 10-12**

***Prerequisite: Application and Journalism Teacher's approval.***

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

This will include preplanning, scheduling, selling advertising. Students will receive instruction in the principles of picture layouts, picture cropping, copy writing, and headline writing

## **MATHEMATICS**

### **\*\*\*ALGEBRA I**

**1200310 (1 CREDIT) Grades 9-12**

***Prerequisite: None***

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course, and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **\*\*/\*\*ALGEBRA I HONORS**

**1200320 (1 CREDIT) Grades 9-12**

***Prerequisite: Must meet Honors criteria***

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **\*\*\*GEOMETRY**

**1206310 (1 CREDIT) Grades 9-12**

***Prerequisite: Algebra 1 or its equivalent.***

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the

high school CCSS. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The critical areas, organized into five units are as follows.

**\*\*/\*\*GEOMETRY HONORS**

**1206320 (1 CREDIT) Grades 9-12**

***Prerequisite: Must meet Honors criteria***

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school CCSS. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The critical areas, organized into five units are as follows.

**Liberal Arts Mathematics 1**

**1207300 (1 Credit) Grades 10-11**

***Prerequisite: Algebra I***

Reinforce your existing algebra and geometry skills and explore concepts needed to advance your mathematics studies.

**ALGEBRA 2**

**1200330 (1 Credit) Grades 9-11**

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions.<sup>2</sup> Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**\*\*ALGEBRA 2 HONORS**

**1200340 (1 CREDIT) Grades 10-11**

***Prerequisite: Must meet Honors criteria.***

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions.<sup>2</sup> Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**\*\*PRE-CALCULUS**

**1202340 (1 CREDIT) Grades 11-12**

***Prerequisite: Must meet Honors criteria***

This is an honors course and is designed to emphasize the study of functions and other skills necessary for the study of calculus including limits and continuity. Polynomial functions will be explored, as will complex numbers and conic sections. We will cover all types of trigonometric

functions, their graphs, properties and uses. We will cover polar and parametric functions as well as vectors.

### **MATH FOR COLLEGE READINESS**

**1200700 (1 CREDIT) Grade 12**

This course is targeted for grade 12 students, whose test scores on the ACT are at or below the established cut scores for mathematics, indicating that they are not yet “college ready” in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course incorporates the Common Core Standards for Mathematical Practices as well as the following Common Core Standards for Mathematical Content: Expressions and Equations, The Number System, Functions, Algebra, Geometry, Number and Quantity, Statistics and Probability, and the Common Core Standards for High School Modeling. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

### **Probability & Statistics with Applications Honors**

**1210300 (1 Credit) Grade 12**

Introduction to statistical reasoning, including sampling, elementary probability, statistical inference, and data analysis.

## **SCIENCE**

### **\*\*\*BIOLOGY I**

**2000310 (1 CREDIT) Grades 9-12**

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The purpose of this course is to provide exploratory experiences and laboratory and real-life applications in the biological sciences. The content will include scientific method, scientific measurement, laboratory safety and use of apparatus, the nature of science; matter, energy, and chemical processes of life; cells: biology, reproduction, and communication; genetics: principles, molecular basis, diversity, and biotechnologies; levels of organization, classification, and taxonomy; structure, function, and reproduction of plants, animals, and microorganisms; behavior of organisms; interdependence of organisms, humans, and the environment; biological selection, adaptations, and changes through time; agricultural, food, and medical technologies and careers

### **\*\*/\*\*BIOLOGY I HONORS**

**2000320 (1 CREDIT) Grades 9 -12**

***Prerequisite: Must meet Honors criteria.***

While the content focus of this course is consistent with the Biology I course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The content will include scientific method, scientific measurement, laboratory safety and use of apparatus, the nature of science; matter, energy, and chemical processes of life; cells: biology, reproduction, and communication; genetics: principles, molecular basis, diversity, and biotechnologies; levels of organization, classification, and taxonomy; structure, function, and reproduction of plants, animals, and microorganisms; behavior of organisms -

interdependence of organisms, humans, and the environment; biological selection, adaptations, and changes through time; agricultural, food, and medical technologies and careers.

### **Principles of Technology 1**

**2003600 (1 CREDIT) Grades 9-12**

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Course standards include focus on Physical Science including Law of Conservation of Energy, Laws of Motion, States of Matter and the Theory of Atoms.

### **Environmental Science**

**2001340 (1 Credit) Grades 9-12**

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The purpose of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

### **AP Environmental Science**

**2001380 (1 CREDIT) Grades 9-12**

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the AP Environmental Science course.

### **MARINE SCIENCE 1**

**2002500 (1 CREDIT) Grades 11-12**

***Prerequisite: The student must have successfully completed Physical Science and Biology.***

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. The purpose of this course is to provide an overview of the marine environment. The course content includes formations of the oceans, marine systems, interrelationships between man and the ocean environment, and the ocean's present and potential resources.

### **CHEMISTRY I**

**2003340(1 CREDIT) Grades 10-12**

***Prerequisite: Grade C or better in Algebra 1***

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. This purpose of this course is to study the composition, properties, and changes associated with matter and their applications.

### **\*\*CHEMISTRY I HONORS**

**2003350 (1 CREDIT) Grades 10-12**

***Prerequisite: Must meet Honors criteria and have a passed Algebra 1 EOC***

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

While the content focus of this course is consistent with the Chemistry I course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. This course includes the study of the scientific method as applied to problem solving, the metric system, the nature of matter, atomic theory, periodic table, ionic and covalent and bonding, chemical nomenclature, balancing equations, physical and chemical changes, and stoichiometry.

## **CHEMISTRY 2**

**2003360 (1 CREDIT) Grades 10-12**

***Prerequisite: Science teacher recommendation and grade of "C" or better in Chemistry I.***

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. This course includes the study of stoichiometry, states of matter, gas laws, solutions and concentration, colligative properties, specific heat and thermochemistry, reaction rates, chemical equilibrium, and acids and bases. Chemistry II is an honors weighted class (5.0). Students should expect homework regularly.

## **Physics 1**

**2003380(1 Credit) Grade 10-12**

***Prerequisite: Passed Algebra 1 EOC & C or better in Geometry and/or Algebra II***

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Content includes the rigorous introductory study of the theories and laws governing the interaction of matter, energy, and forces of nature. The content should include kinematics, dynamics, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, nuclear physics, and sound.

## **\*\* ANATOMY AND PHYSIOLOGY HONORS 2000360 (1 CREDIT) Grades 11-12**

***Prerequisite: Must meet Honors criteria. Grade of "C" or higher in Honors Biology and Chemistry***

While the content focus of this course is consistent with the Anatomy and Physiology course, students will explore these concepts in greater depth. In general, the academic pace and rigor will be greatly increased for honors level course work. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. This course includes the study of anatomical terminology, cells and tissue, integumentary system, skeletal system, muscular system, nervous system, special sensory organs, endocrine system, digestive system, excretory system, reproductive system, homeostasis, disease process, immune response and inheritance; molecular, cellular, organism, mutations and genetic disorders. The purpose of this course is to provide students with exploratory activities in the structures and functions of the components of the human body. Completion of this course also makes students eligible for the Health Science II.

## **\*\*AP BIOLOGY**

**2000340 (1 CREDIT) Grade 12**

The purpose of this course is to provide a study of the facts, principles, and processes of biology and collection, interpretation, and formulation of hypotheses from available data.

***Prerequisite: grade of B or higher in both Biology and Chemistry Students will be expected to take the AP Biology Exam.***

## **SOCIAL STUDIES**

### **WORLD CULTURAL GEOGRAPHY**

**2103300 (1 CREDIT) Grade 10**

The grade World Cultural Geography course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Content should include, but is not limited to, the use of geographic tools and skills to gather and interpret data and to draw conclusions about physical and human patterns, the relationships between physical geography and the economic, political, social, cultural and historical aspects of human activity, patterns of population growth and settlement in different cultures and environments, the interaction between culture and technology in the use, alteration and conservation of the physical environment, and the interrelationships and interdependence of world cultures

### **\*\*ADVANCED PLACEMENT HUMAN GEOGRAPHY**

**2103400 (1 CREDIT) Grade 9-12**

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

### **Court Procedures**

**2106390( 1/2 CREDIT) Grade 9-12**

The grade 9-12 Court Procedures course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content for the course pertains to the study of the structure, processes and procedures of the judicial systems of the United States and Florida. Content should include, but not be limited to, the structure, processes and procedures of county, circuit and federal courts, civil and criminal procedures, juvenile law, the rights of the accused, evolution of court procedures, comparative legal systems, and career choices in the judicial system.

### **Florida History**

**2100350 (1/2 CREDIT) Grade 9-12**

The grade 9-12 Florida History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of the state of Florida by examining the political, economic, social, military and cultural events that affected the state. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of Florida including, but not limited to, the evolution of Florida's diverse heritage through Spanish, French, British and American occupations, Florida's Native American population, United States annexation and territorial experience, statehood and an analysis of Florida's first constitution, Florida's system of slavery, Florida under the Confederacy and Reconstruction, Florida's role as a part of the new South, technological and urban transformations of the state, the evolution of Florida lifestyles and ideals over the centuries, the historic evolution of the Florida economy, Florida's diverse geographic regions and population groups, state government, modern day Florida's successes and challenges, and the projection of Florida's future development.

### **Ethics**

**2105350 (1/2 CREDIT) Grade 9-12**

The grade 9-12 Ethics course consists of the following content area strands: American History, World History, Geography, Humanities, Civics and Government. The primary content emphasis for this

course pertains to the study of the foundations of ethical thought and theories and the process of moral development. Content should include, but is not limited to, the sources of ethical beliefs and practices, traditional ethical theories, the strengths and weaknesses of the principal models of moral development, the typical fallacies in flawed moral arguments, the difference between an ethical choice and a legal decision, major ethical questions in American society such as public service, law, the workplace, bioethics, and new technologies, and current ethical issues in the local and national arena.

### **African-American History**

**2100340 (1 CREDIT) Grade 9-12**

The grade 9-12 African-American History course consists of the following content area strands: World History, American History, Geography, Humanities, Civics and Government. The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

### **WORLD HISTORY**

**2109310 (1 CREDIT) Grade 10**

The grade 9-12 World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations.

### **\*\* WORLD HISTORY HONORS**

**2109320 (1 CREDIT) Grade 10**

***Prerequisite: Must meet Honors criteria***

The grade 9-12 World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events from ancient and classical civilizations. Honors/Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

**\*\*ADVANCED PLACEMENT WORLD HISTORY 2109420 (1 CREDIT) Grade 10**

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

**\*\*\*U.S. HISTORY 2100310(1 CREDIT) Grade 11-12**

The grade 9-12 United States History course consists of the following content area strands: United States History, Geography, and Humanities. The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction.

**\*\*/\*\*U.S. HISTORY HONORS 2100320 (1 CREDIT) Grade 11-12*****Prerequisite: Must meet Honors criteria***

This course is designed to help the advanced student develop an understanding of our American heritage and its significance in a complex and fast changing world. The course provides an overview of the Colonial period through Reconstruction and major comparisons between 1865 to the present contemporary society. The main objective is for the student to understand how the world of today became that way through political, economic, and social movements.

**\*\*ADVANCED PLACEMENT U.S. HISTORY 2100330 (1 CREDIT) Grades 11-12**

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. It prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. This AP course should develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

**US GOVERNMENT 2106310 (½ CREDIT) Grade 12**

The grade 9-12 United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content should 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.

**\*\*US GOVERNMENT HONORS 2106320 (½ CREDIT) Grade 12**

***Prerequisite: Must meet Honors criteria and have a "B" or higher in American History Honors***

The grade 9-12 United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content should 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. Honors/Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

### **ECONOMICS with Financial Literacy**

**2102335 (½ CREDIT) Grade 12**

The grade 9-12 Economics 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 with Financial Literacy Honors**

**2102345 (½ CREDIT) Grade 12**

#### ***Prerequisite: Must meet Honors criteria***

The grade 9-12 Economics 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. Honors/Advanced courses offer scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

## **PERFORMING ARTS**

### **Musical Theatre**

**0400700 (1 Credit) Grades 9-12**

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

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

### **Theatre 1**

**0400310 (1 Credit) Grades 9-12**

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

### **Theatre 2**

**0400320 (1 Credit) Grades 10-12**

#### ***Prerequisites: Theater 1***

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

### **Theatre 3**

**0400320**

#### ***Prerequisites: Theatre 2***

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

### **Theater Improvisation**

**0400620 (1 Credit) Grades 9-12**

#### ***Prerequisites: Theater 1***

Students learn to communicate effectively, both verbally and non-verbally; develop and build critical listening and collaborative skills, and think and solve problems quickly and appropriately on the spot, which transfers well to academic, career, and social arenas. Through collaboration, communication, and performance activities, students engage in improvisation as a stand-alone art form and as an acting methodology. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

**Acting 1****0400370 (1 Credit) Grades 9-12**

Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

**ART****Drawing 1****0104340 (1 Credit) Grades 9-12****Drawing 2****0104350 (1 Credit) Grades 10-12**

The purpose of this course is to enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.

**\*\*Drawing 3 Honors****0104360 (1 Credit) Grades 11-12**

***Prerequisite: Teacher approval. Draw 1 & 2 must be taken before Draw 3 Honors***

**Ceramics/Pottery 1****0102300 (1 Credit) Grades 9-12****Ceramics/Pottery 2****0102310 (1 Credit) Grades 10-12****Ceramics/Pottery 3 Honors****0102320 (1Credit) Grades 11-12**

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

**Creative Photography 1****0108310 (1 Credit) Grade 9-12**

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

artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

### **Creative Photography 2**

**#0108320 (1 Credit) Grade 10-12**

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

### **Creative Photography 3 Honors**

**#0108330 (1 Credit) Grade 11-12**

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

### **A.P. ART-DRAWING PORTFOLIO**

**0104300 (1 Credit) Grades 11-12**

***Prerequisite: Drawing 2. Students are required to take the AP exam.***

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline and breadth in drawing. The content will include but not be limited to experiences in the development of skills in two aspects of drawing: perceptual and conceptual. Techniques of preparation, presentation and evaluation of portfolio content will be stressed.

### **INSTRUMENTAL MUSIC**

**Band 1**

**1302300 (1 Credit) Grades 9-12**

**Band 2**

**1302310 (1 Credit) Grades 10-12**

**Band 3**

**1302320 (1 Credit) Grades 11-12**

**Band 4**

**1302340 (1 Credit) Grade 12**

**(Percussion add an "X" to the end of the course code)**

***Prerequisite: Successful completion of previous band course and teacher approval***

The purpose of this course is to provide students with opportunities to develop musicianship skills in band and instrumental ensembles. The content should include, but not be limited to, enabling students to develop fundamental skills in characteristic tone production, band performance techniques, musical literacy, and music appreciation.

**Keyboarding (Piano)1**

**1301360 (1 Credit) Grades 9-12**

**Keyboarding (Piano) 2**

**1301370 (1 Credit) Grades 10-12**

**Keyboarding (Piano) 3**

**1301380 (1 Credit) Grades 11-12**

**\*\*Keyboarding (Piano) 4 Honors**

**1301390 (1 Credit) Grade 12**

\*\*HONORS LEVEL COURSE

37

\*\*\*EOC REQUIRED

***Prerequisite: Teacher approval***

The purpose of this course is to enable students to develop keyboard proficiency. Emphasis will be placed on the development of skills in reading music notation; analysis of form, style and history; and improvisation and composition. This course does qualify as a performing art credit, but is not included as a Major of Interest.

|                          |  |
|--------------------------|--|
| <b>Guitar 1</b>          | <b>1301320 (1 Credit) Grades 9-12</b>  |
| <b>Guitar 2</b>          | <b>1301330 (1 Credit) Grades 10-12</b> |
| <b>Guitar 3</b>          | <b>1301340 (1 Credit) Grades 11-12</b> |
| <b>**Guitar 4 Honors</b> | <b>1301350 (1 Credit) Grade 12</b>     |

***Prerequisite: Student must provide his/her own guitar***

The purpose of this course is to enable students to develop guitar proficiency. Emphasis is placed on reading music, style, form, and performance.

**BAND COLOR GUARD**

|                      |  |
|----------------------|--|
| <b>Eurhythmics 1</b> | <b>1305300 (1 Credit) Grades 9-12</b>  |
| <b>Eurhythmics 2</b> | <b>1305310 (1 Credit) Grades 10-12</b> |
| <b>Eurhythmics 3</b> | <b>1305320 (1 Credit) Grades 11-12</b> |
| <b>Eurhythmics 4</b> | <b>1305330 (1 Credit) Grade 12</b>     |

***Prerequisite: Director's approval and Audition***

The purpose of this course is to enable students to develop basic skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance.

**FOREIGN LANGUAGE****SPANISH I 0708340 (1 CREDIT) Grades 9-12**

Spanish 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. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

**SPANISH 2 0708350 (1 CREDIT) Grades 10-12**

Spanish 2 reinforces the fundamental skills acquired by the students in Spanish 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

**\*\*LATIN 2****0706310 (1 CREDIT) Grades 10-12*****Prerequisite: Grade of "C" or above in Latin I.***

Latin 2 expands the skills acquired by students in Latin 1. Specific content includes, but is not limited to, expansion of vocabulary and translation skills through comprehension of selected readings. Vocabulary and grammar stresses activities which are important to prepare for translating the works of authentic authors in the target language. In presentational speaking and presentational writing, Latin students will present projects and reports of the research they have done about the culture, arts, history, politics, literature and mythology of the target language in English.

\*\*HONORS LEVEL COURSE

38

\*\*\*EOC REQUIRED

**Special Note: This course will ONLY be available through My District Virtual School**

## **PHYSICAL EDUCATION**

### **Basketball (Outside)**

**1503310 (½ Credit) Grades 9-12**

The purpose of this course is to provide students with the opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as later in life, and maintain and/or improve personal fitness.

### **Basketball 2 (Outside)**

**1503315 (½ Credit) Grades 9-12**

The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in basketball. Introduction to systems of play will be included to enhance the student's understanding. Advanced skills and drills which directly affect student's physical and cognitive abilities will be covered. Students will participate in advanced individual and team techniques in relationship to basketball strategy. Participate in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

### **Personal Fitness**

**1501300 (½ Credit) Grades 9-12**

The purpose of this course is to provide students with opportunities to develop an individual optimal level of physical fitness, acquire knowledge of physical fitness concepts, and acquire knowledge of the significance of lifestyle on one's health and fitness. This course does not count toward a PE major.

*This course will meet **half** of the graduation requirement for Physical Education. The physical education graduation requirement may also be met by using the interscholastic sports option, which includes participation in interscholastic sports at the JV or varsity level for two full seasons and passing a state prepared test. This option does not earn credit but does satisfy the 1.0 credit PE requirement.*

### **Tennis 1**

**1504500 (½ Credit) Grades 9-12**

### **Tennis 2**

**1504510 (½ Credit) Grades 9-12**

### **Tennis 3**

**1504520 (½ Credit) Grades 10-12**

### **Golf 1**

**1504400 (½ Credit) Grades 9-12**

### **Golf 2**

**1504410 (½ Credit) Grades 9-12**

### **Soccer**

**1503320 (½ Credit) Grades 9-12**

## **FOOTBALL PLAYERS PE:**

**(These Classes will be scheduled in the first semester)**

### **Weight Training 1**

**1501340F (½ Credit) Grades 9-12**

### **Weight Training 2**

**1501350F (½ Credit) Grades 10-12**

### **Weight Training 3**

**1501360F (½ Credit) Grades 11-12**

### **Power Weight Training**

**1501410F (½ Credit) Grade 12**

***Prerequisite: Must be a Football player at PHS.***

The purpose of this course is to provide students with the opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life. Improving muscular strength, endurance, and enhancing body image are goals. The Intermediate and Advanced levels extend the acquisition of knowledge and the development of skills. Football

\*\*HONORS LEVEL COURSE

\*\*\*EOC REQUIRED

players only will be taking this course with the F as it relates to specific weight training and for these athletes.

**(These Classes will be scheduled in the second semester)**

|                                     |  |
|-------------------------------------|--|
| <b>Individual and Dual Sports 1</b> | <b>1502410 (½ Credit) Grades 9-12</b>  |
| <b>Individual and Dual Sports 2</b> | <b>1502420 (½ Credit) Grades 10-12</b> |
| <b>Individual and Dual Sports 3</b> | <b>1502430 (½ Credit) Grades 11-12</b> |
| <b>Comprehensive Fitness</b>        | <b>1501390 (½ Credit) Grade 12</b>     |

**Prerequisite: Must be a Football player at PHS. This is a Semester I course only.**

The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of individual and dual sports play, develop skills in selected individual and dual sports, and maintain and/or improve their personal fitness.

### **ARMY R.O.T.C.**

**Leadership Education and Training I** **1801300 (1 Credit) Grade 9-12**

The purpose of this program is to provide a cooperative effort on the part of the JROTC Program and the host institution (PHS) the opportunity to develop and educate young progressive students into positive citizens. The course promotes standards of good citizenship, character development, and life management skills which will benefit the student, our schools and the community. The JROTC Program offers a learning experience that promotes the success of the student in today's modern society. The intent of the JROTC Program is to be useful to the student in any future endeavor and career development. The course provides on going instruction on leadership and management theory, drill & ceremonies, hygiene, first aid, Math, Earth Science, Geography, American Government and Conditional Law, map reading, techniques of oral and written communication skills, life management skills, and physical development of the student for a healthy life style. Students will also have the opportunity to participate in community service with the JROTC Program. On completion of the ROTC Course of Instruction, the student is not required to fulfill any military obligation.

○ **ROTC waiver for PE & Performing Fine Art: Classes 2011 and beyond. Successful completion of two years in ROTC (1801300 & 1801310) will satisfy the graduation requirement of 1/2 credit of PE and 1 full credit of Performing Arts. At the student's request, the counselor will add 1500450 ROTC PE Waiver to student's Academic History -coded PE PE, with NG for grade.**

**Leadership Education and Training 2** **1801310 (1 CREDIT) Grades 10-12**

***Prerequisite: Leadership Ed.1***

This course is a continuation of Instruction to Leadership Development. This course provides ongoing instruction in intermediate leadership theory, the hands on practice of leadership and management skills, drill & ceremonies, oral and written communication skills, Math, Earth Science, Geography, physical and healthy life style development, US Government and Conditional Law, Health and Hygiene, Citizenship, and the opportunity to participate in community service.

On completion of the ROTC Course of Instruction, the student is not required to fulfill any military obligation.

**Leadership Education and Training 3** **1801320 (1 credit) Grades 11-12**

***Prerequisite: Leadership Ed.2***

This course is a continuation of intermediate leadership development. This course provides ongoing instruction in applied leadership, drill and ceremonies, applied map reading/land navigation, applied techniques of oral communication, service/ROTC opportunities, the role of the army, selected optional subject matter, and physical readiness. Students will continue to have the opportunity to participate

in community service. Students who complete at least 3 years of JROTC may qualify for higher pay upon entering the army.

On completion of the ROTC Course of Instruction, the student is not required to fulfill any military obligation.

#### **Leadership Education and Training 4**

**1801330 (1 credit) Grade 12**

***Prerequisite: Leadership Ed. 3***

This course is a continuation of applied leadership development. This course provides on going instruction in advanced senior leadership techniques, drill and ceremonies, advanced communication, staff functions and procedures, selected optional subjects, and physical readiness. Students will continue to have the opportunity to participate in community service.

On completion of the ROTC Course of Instruction, the student is not required to fulfill any military obligation.

### **TECH PREP/PRACTICAL ARTS/TECHNICAL & CAREER ED**

#### **Horticulture Science and Services (AG)**

#### **AGRISCIENCE FOUNDATIONS 8106810 (1 CREDIT) Grades 9-12**

***Prerequisite: none, this course is a prerequisite for Agritechnology 1 and 2, and is coded as a Science class.***

This course is designed to develop competency in the areas of production systems selection, livestock selection, soil and seedbed preparation, crop fertilization, exhibiting livestock, facilities maintenance, record keeping, farm safety, and employability skills. Lab will be held at the PHS agricultural lab.

#### **Agritechnology 1**

**8106820 (1 Credit) Grades 9-12**

#### **Agritechnology 2**

**8106830 (1 Credit) Grades 10-12**

***Prerequisite: Agriscience Foundations 1***

The course is designed to develop competencies in the areas of agriscience industry careers; prevention and treatment of livestock diseases, livestock anatomy; wholesale cuts of meat; animal reproduction and identification; animal safety; animal-health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills.

#### **Introductory to Horticulture 2**

**8121510 (1 Credit) Grades 9-12**

#### **Horticulture Science 3**

**8121520 (1 Credit) Grades 9-12**

**(OCPA - Landscape Specialist)**

#### **Horticulture Science & Service 4**

**8121610 (1 Credit) Grades 10-12**

#### **Horticulture Science & Service 5**

**8121620 (1 Credit) Grades 10-12**

#### **Horticulture Science & Service 6**

**8121630 (1 Credit) Grades 10-12**

***Prerequisite: Agriscience Foundations.***

These courses are a block and are designed to develop competency in the areas of breeding livestock, irrigation, harvesting and marketing, facilities maintenance, record keeping, safety and employability skills. The courses include both technical and practical skills in the areas of planting, timber management, woody ornaments, soil preparation and fertilization, insect and disease identification and control. Lab will be held at the PHS land lab on Cricket Drive.

**Agribusiness Cooperative Education- OJT****8100410 (Up to 2 Credits) Grade 12**

The purpose of this course is to allow off campus, on-the-job training experience for 12<sup>th</sup> grade students who have completed the Landscape Operations program. It is offered during the summer term and with special permission during the regular school year. Job Placement must be related to student performance standards mastered in the agritechnology program. The course may be repeated for up to two credits.

**Agricultural Education Directed Study****8100100 (Up to 3 Credits) Grade 12**

The purpose of this course is to provide 12<sup>th</sup> grade students with additional on-campus competencies in the Agricultural Education Program that will enhance the opportunities for employment in the student's chosen occupation.

**Guided Workplace Learning****8300430 (Up to 3 Credits) Grade 12**

***Prerequisite: Must be currently enrolled in or have completed an applied technology program.***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand experience and knowledge in broad educational clusters or industry sectors through a structured intern experience. It is designed to give students an opportunity to integrate the occupational and applied skills learning in their technical/vocational program to actual work situations. Students must have a job in the field that relates to their vocational program. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

**Administrative Office Specialist - Business****Introduction to Information Technology****8207310 (1 Credit) Grades 9-12**

This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; emerging technologies, and Web page design.

**Administrative Office Tech****8212110 (1 Credit) Grades 9-12**

***Prerequisite: Computing for College and Careers or Introduction to Information Technology***

This course is designed to be the 2<sup>nd</sup> business course. It will prepare for general office support: filing, records management, telephone procedures, etc. Business communication and vocabulary, and Business Math strongly emphasized. Also included: OSHA standards, workplace law, chain of command, ethics, payroll, invoices, memos & form letters. Programs used: Office 2010: Word, Excel, PowerPoint, & Access. Keyboarding skills will be improved through use of Microtype Pro 4 and Keychamp Software.

**Business Software Applications 1****8212120 (1 Credit) Grades 10-12**

***Prerequisite: CCC (or Intro. to Info. Tech.) & AOT***

This course provides advanced instruction using Microsoft Office software: Word, Access, Excel, PowerPoint and Publisher. Strong emphasis is placed on research and development of individual preparation for Microsoft Office industry certification. Work-based learning experiences and transmitting information through fax, E-Mail, Internet, etc. will be presented. Completion of CPT, AOT, & BSA earns OCP-B –Front Desk Specialist. Programs Used: Office 2010: Word, Access, Excel, PowerPoint, Publisher. Also, Microtype Pro 4 and Keychamp are used to improve speed and accuracy

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

**Digital Design 1****8209510 (1 Credit) Grades 11-12*****Prerequisite: CCC (or Intro. to Info. Tech.), AOT, BSA – this is the 4<sup>th</sup> course in the sequence***

Students will perform layout, design and measurement activities with the use of MS Publisher, PowerPoint, PrintShop Deluxe, Adobe InDesign, Adobe PhotoShop, and the Internet. Using scanners, cropping, image editing, and kerning will be taught, as well as reading rough-draft layouts, projecting budgets, hardware and software maintenance. If you are a creative individual, then this course is for you. Completion of this course earns student OCP-C Asst. Digital Prod. Designer.

**Digital Design 2****8209520 (1 Credit) Grade 11-12*****Prerequisite: Business Software Applications I and Digital Design 1***

This course is only open to students who have completed CPT, AOT, BSA and DDI. This course does not count toward the Admin. Assistant Major at this time. Students will perform layout, design and measurement activities to complete digital publishing operations. Adobe InDesign, Adobe PhotoShop, MS Publisher, PowerPoint, PrintShop Deluxe, Internet and graphics programs will be used to create these documents. Scanners, cropping, image editing, and kerning will be taught. Reading rough-draft layouts, projecting budgets, hardware and software maintenance will be introduced.

**Business Cooperative Education –OJT****8200410 (Up to 3 Credits) Grade 12*****Prerequisite: Must be currently enrolled and completing or have completed a business program.***

The purpose of this course is to allow off campus, on-the-job training for business students who have completed our business program. It is strongly recommended that the student find employment prior to the beginning of the school year and they must have their own transportation. Students must leave campus during coop periods.

**Guided Workplace Learning****8300430 (Up to 3 Credits) Grade 11-12*****Prerequisite: Must be currently enrolled in or have completed an applied technology program.***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand experience and knowledge in broad educational clusters or industry sectors through a structured intern experience. It is designed to give students an opportunity to integrate the occupational and applied skills learning in their technical/vocational program to actual work situations. Students must have a job in the a field that relates to their vocational program. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

**CULINARY ARTS****Culinary Arts 1 and  
Culinary Arts 2****8800510 (1 Credit) Grades 9-12****8800520 (1 Credit) Grades 9-12**

Students will learn to plan, prepare, and serve meals for small and large groups. A great deal of experience is provided in cooking on large restaurant type-equipment, hosting, waiting tables, and cashiering. Some outside work will be required to complete the competencies for this program.

**Culinary Arts 3 and  
Culinary Arts 4****8800530 (1 Credit) Grades 10-12****8800540 (1 Credit) Grades 10-12*****Prerequisite: Students must have successfully completed Culinary Arts 1 and 2 & have teacher's approval to continue.***

Culinary Arts 3 and Culinary Arts 4 are a continuation of the Culinary Arts program. Emphasis is placed on developing strong managerial skills and professional habits such as: creating, organizing,

\*\*HONORS LEVEL COURSE

\*\*\*EOC REQUIRED

and carrying out plans, supervising others, maintaining positive work relationships, developing self evaluation skills using time efficiently and more. Some outside work will be required to complete the competencies of this program. A strict dress code is enforced during kitchen lab. See the Culinary Arts Student Handbook for details. Teacher approval is necessary for entering into the managerial program.

### **Culinary & Hospitality Specialties 1**

**8800610 (1 Credit) Grade 11**

***Prerequisite: Students must have successfully completed Culinary Arts 3 and 4 and have teacher's approval to continue.***

This course includes food safety and sanitation; workplace safety; using social networking as a marketing tool; entrepreneurship; the correlation between food and science; and catering. Food preparation activities are throughout the course and the culmination of the course is a capstone project.

### **Culinary & Hospitality Specialties 2**

**8800620 (1 Credit) Grade 12**

***Prerequisite: Students must have successfully completed Culinary and Hospitalities 1 and have teacher's approval to continue.***

This course includes the utilization of technology in the hospitality industry; sustainability; leadership and teamwork; recognition of special dietary needs; and catering activities. Food preparation activities at an advanced level are throughout the course and the culmination of the course is a capstone project.

### **Guided Workplace Learning**

**8300430 (Up to 3 Credits) Grade 11-12**

***Prerequisite: Must be currently enrolled in or have completed an applied technology program.***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand experience and knowledge in broad educational clusters or industry sectors through a structured intern experience. It is designed to give students an opportunity to integrate the occupational and applied skills learning in their technical/vocational program to actual work situations. Students must have a job in the a field that relates to their vocational program. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

## **ALLIED HEALTH ASSISTING**

### **Health Science Anatomy & Physiology**

**8417100 (1 Credit) Grades 9-12**

The purpose of this course is to provide students with an overview of all major body systems. Emphasis will be placed on human anatomy and physiology, as well as pathophysiology. Health careers related to each body system will be included. Students will have computer and skills labs as well as active participation in the learning process. Anatomy and Physiology may substitute for this course. This course is the first required course in the Health Science Education Program.

### **Health Science Foundations**

**8417110 (1 Credit) Grades 10-12**

***Prerequisite: Teacher approval, Health Science Anatomy & Physiology OR Anatomy and Physiology Honors***

This course covers basic medical skills and knowledge that all health care workers must know. Emphasis is on communication and interpersonal skills, infection control, body mechanics, safety, blood borne pathogens, first aid, medical terminology, employability skills and legal and ethical responsibilities. Students will obtain certification in professional-level CPR and HIV.

### **ALLIED HEALTH ASSISTING 3**

**8417131 (1 Credit) Grades 11-12**

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

***Prerequisite: Health Science Anatomy and Physiology, Health Science Foundations, and Teacher Approval; Must be taken with Guided Workplace Learning as a blocked class.***

This course (taken with Guided Workplace Learning) is the clinical applications of the Health Science Education Program. The purpose of this course is to provide the student with a variety of clinical experiences. In this course students will perform skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, emergency, radiation, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included with instructor provided competencies. All students must successfully complete clinical rotations in at least 3 major allied health areas.

Students for this class are selected by an application process. Interested students need to pick up an application from one of the Health Science instructors approximately one month before Spring registration, complete all the required forms, and return them before the announced deadline. Students are required to purchase a uniform, present immunization record and pass a physical examination prior to their first clinical experience. This is the third class in the Health Science Education Tech Prep Program.

**NURSING ASSISTANT 3 8417211 (1 CREDIT) Grade 12**

***Prerequisite: Health Science Anatomy and Physiology, Health Science Foundations, and Teacher Approval; Must be taken with Guided Workplace Learning as a blocked class.***

This course (taken with Guided Workplace Learning) is the clinical applications of the Health Science Education Program. The purpose of this course is to provide the student with a variety of clinical experiences. This is a course designed to prepare the student to provide/assist with all aspects of activities of daily living for the adult patient in both hospital and nursing home settings. The course, which is taught by a registered nurse, includes didactic instruction, skills practice in the laboratory and clinical experience. Emphasis is also placed on the development of communication, interpersonal, problem solving and critical thinking skills. Upon successful completion, the student is eligible to apply to sit for the Florida State Certified Nursing Assistant exam which qualifies as industry certification.

Students for this class are selected by an application process. Interested students need to pick up an application from one of the Health Science instructors approximately one month before Spring registration, complete all the required forms, and return them before the announced deadline. Students are required to purchase a uniform, present immunization record and pass a physical examination prior to their first clinical experience. This is the third or fourth class in the Health Science Education Tech Prep Program.

**Home Health Aide 3**

**8417191 (½ Credit) Grade 12**

This course prepares students to be employed Home Health Aides, Content includes but is not limited to patient care and safety, geriatric patient care, nutrition principles, rehabilitation services as well as supervised management functions. Students who have completed this program and the secondary program Nursing Assistant have met competencies for and may be known as Patient Care Assistants. This program may be taken simultaneously with Nursing Assistant.

**GUIDED WORKPLACE LEARNING**

**8300430 (Up to 3 Credits) Grade 11-12**

***Prerequisite: Must be currently enrolled in or have completed an applied technology program.***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand experience and knowledge in broad educational clusters or industry sectors through a structured intern experience. It is designed to give students an opportunity to integrate the occupational and

applied skills learning in their technical/vocational program to actual work situations. Students must have a job in the a field that relates to their vocational program. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

### **Automotive Maintenance and Light Repair**

**Automotive Maintenance and Light Repair 1 and** **9504110 (1 Credit) Grades 9-12**

**Automotive Maintenance and Light Repair 2** **9504120 (1 Credit) Grades 9-12**

These courses are the first in a six course, three year program of Automotive Maintenance and Light Repair. The purpose of the program is to prepare students for a career in the automotive industry. Students will learn correct and safe tool and equipment use. Areas covered will include: math and science as applied to how an automobile works; how to get a job; employee and customer relations; service; troubleshooting and repair of automobiles.

At the completion of Automotive Maintenance and Light Repair 1 & 2, a student will have a working knowledge of how the many complex systems of an automotive work and will have spent time in the hands-on troubleshooting, tear down, inspection, and repair of these systems. Time is spent using computers and the Internet as a resource for learning about the auto industry and repairing automobiles. A thorough understanding of a four cycle engine theory, fuel injection, normally aspirated and supercharging, and various engine designs will be taught.

**Automotive Maintenance and Light Repair 3 and** **9504130 (1 Credit) Grades 10-12**

**Automotive Maintenance and Light Repair 4** **9504140 (1 Credit) Grades 10-12**

***Prerequisite: Automotive Maintenance and Light Repair 1, 2, and teacher approval.***

This course is a continuation of the theory and practice of the areas covered in Auto Tech 1 & 2, with an emphasis on engine troubleshooting and repair. Students will do a complete engine overhaul.

**Automotive Maintenance and Light Repair 5 and** **9504150 (1 Credit) Grades 11-12**

**Automotive Maintenance and Light Repair 6** **9504160 (1 Credit) Grades 11-12**

***Prerequisite: Automotive Maintenance and Light Repair 3, 4, and teacher approval.***

This course is a continuation of the theory and practice of the areas covered in Auto Tech 1,2,3,& 4, with an emphasis on the transmission and drivetrain repair.

**Guided Workplace Learning** **8300430 (Up to 3 Credits) Grade 12**

***Prerequisite: Must be currently enrolled in or have completed an applied technology program***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand experience and knowledge in broad educational clusters or industry sectors through a structured intern experience. It is designed to give students an opportunity to integrate the occupational and applied skills learning in their technical/vocational program to actual work situations. Students must have a job in the a field that relates to their vocational program. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

### **Welding Technology Fundamentals**

**Welding Technology Fundamentals 1**

**9204410 (1 Credit) Grades 9-12**

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

This is the first in a five course series in Welding Technology Fundamentals. This course is designed to provide the student with the safety background that industry requires. The student will learn how to use and operate many types of hand tools and shop equipment the first year, including the portable disk grinder, the portable band saw, portable drill, pedestal grinder, drill press, horizontal band saw, vertical band saw, and iron crafter. The student will also learn the basic operation of the oxyacetylene welding/cutting torch and how to set up and run weld beads using the SMAW process. The student will also learn how to identify and classify metals by their appearance, weight, spark testing, and magnetic properties.

**Welding Technology Fundamentals 2 and  
Welding Technology Fundamentals 3**

**9204420 (1 Credit) Grades 10-12**

**9204430 (1 Credit) Grades 10-12**

***Prerequisite: Welding Technology Fundamentals 1 and Teacher approval for continuation in program***

These courses are designed to provide more instruction in the oxyacetylene welding/cutting process. The student will learn different types of welds, their position, and weld joint design. They will learn how to weld different types of weld joints using the oxyacetylene process. They will also receive instruction in the use of the SHIELD METAL ARC PROCESS (SHAW) as well as how to weld single pass and multiple pass welds on corner joints, lap joints, tee joints, and butt joints.

**Welding Technology Fundamentals 4 and  
Welding Technology Fundamentals Capstone**

**9204440 (1 Credit) Grades 11-12**

**9204450 (1 Credit) Grades 11-12**

***Prerequisite: Welding Technology Fundamentals 2, 3, and Teacher approval for continuation in program***

These courses are designed to provide instruction in the use of the GAS TUNGSTEN ARC WELDING (GTAW), GAS METAL ARC WELDING (GMAW) AND FLUX CORE ARC WELDING (FCAW). The student will learn different types of filler rod classifications that are used in these processes. They will learn how to properly set up the welding equipment and weld different types of weld joints in different positions.

**Guided Workplace Learning**

**8300430 (Up to 3 Credits) Grade 12**

***Prerequisite: Must be currently enrolled in or have completed an applied technology program.***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand experience and knowledge in broad educational clusters or industry sectors through a structured intern experience. It is designed to give students an opportunity to integrate the occupational and applied skills learning in their technical/vocational program to actual work situations. Students must have a job in a field that relates to their vocational program. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

**Digital Photography Technology**

**Digital Photography 1**

**8201310 (1 CREDIT) Grades 9-12**

\*\*HONORS LEVEL COURSE

47

\*\*\*EOC REQUIRED

This course provides competencies in photographic history, the production process, intellectual property rights, camera systems, support equipment, basic photography and workflow applications.

### **Digital Photography 2**

**8201320 (1 CREDIT) Grades 10-12**

***Prerequisite: Digital Photography 1***

This course covers competencies in developing a production plan, creative direction and computer skills.

### **Digital Photography 3**

**8201330 (1 Credit) Grades 11-12**

This course covers competencies in photo editing software, photographic lights, sets and photo processing.

## **Computer Systems and Information Technology**

### **Computer Systems Information Technology 1**

**9001210 (1 CREDIT) Grades 9-12**

***FOUNDATIONS -CISCO IT Essentials***

***Prerequisite: Student must have completed BST, Computer Graphics, or Digital Design.***

This course includes preparation for industry-level certifications (A+Comptia), PC hardware/software, advanced operating systems, LAN/WAN fundamentals and network connectivity. The content includes but is not limited to the installation, configuration, operation, and maintenance of computer/network systems, communication, leadership skills, human relations and employability skills; and safe, efficient work practices.

### **Computer Systems Information Technology 2**

**9001220 (1 CREDIT) Grades 10-12**

***ESSENTIALS -CISCO DISCOVERY***

***Prerequisite: Successful completion of Communication Systems Information Technology I and the teacher's recommendation.***

This course includes preparation for industry level certifications (CCNA), concentrating primarily on LAN/WAN

Fundamentals and network connectivity, PC hardware/software, and advanced operating systems. It provides a coherent and rigorous content aligned with academic standards and relevant technical knowledge needed to further prepare the student for future coursework in this career cluster. In addition, the student will practice using oral and written communication skills to express ideas, solving problems using critical thinking skills through creativity and innovation, understanding teamwork roles and organization structure, describing the importance of professional ethics and legal responsibilities.

### **Computer Systems Information Technology 3**

**9001230 (1 CREDIT) Grades 11-12**

***CONFIGURATIONS***

***Prerequisite: Successful completion of CSIT 1, 2, and the teacher's recommendation***

## **ADDITIONAL ELECTIVES**

The following electives are not part of a major area of study, and do NOT qualify for Gold Seal Vocational classes.

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

## **AVID 1(ADVANCEMENT VIA INDIVIDUAL DETERMINATION) 1700390 (1 CREDIT) Grade 9**

**Requirement: student must be part of the AVID program**

AVID (Advancement Via Individual Determination) is offered as a rigorous academic elective course that prepares students for success in four-year colleges. The AVID course is scheduled during the regular school day as a year-long course. Each week students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities and academic survival skills. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note-taking, and research. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, and reading to support their academic growth.

For students new to AVID, or for those with previous experience from middle grades, the ninth grade AVID Elective course will serve as a review of the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trip and guest speaker preparations and presentations. Their college research will include financial topics and building their knowledge on colleges and careers of interest.

### **Engaged Citizenship through Service Learning 1**

**2104350 (½ Credit) Grades 9-12**

This course provides an introduction and opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed to effective service-learning project implementation will be taught and applied.

### **Career Research and Decision Making**

**1700380 (½ Credit) Grades 9-12**

The purpose of this course is to further develop the career planning competencies mandated by section 1003.4156, Florida Statutes. This course will enable students to make informed career choices and develop the skills needed to successfully plan and apply for college or a job. The content should include, but not be limited to, the following: goal-setting and decision-making processes, self-assessment, sources of career information, occupational fields and educational requirements -postsecondary education and training opportunities -writing, listening, viewing, and speaking skills for applications and interviews, financial planning and sources of educational financial assistance, career planning

### **Leadership Skills Development**

**2400300 (1 Credit) Grade 9-12**

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

The content should include, but not be limited to, the following:

- study in self-understanding
- development in such areas as goal setting, self-actualization, and assertiveness

\*\*HONORS LEVEL COURSE

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\*\*\*EOC REQUIRED

- study of organizational theories and management

**Driver Ed./Traffic Safety - Classroom and Laboratory      1900310 (½ CREDIT) Grades 10-12**

The purpose of this course is to introduce students to the highway transportation system and to strategies that will develop driving knowledge and skills related to today's and tomorrow's motorized society. It will also provide an in-depth study of the scope and nature of accident problems and their solutions.

**Diversified Career Technology**

The DCT program does not qualify as a Gold Seal Scholarship program; however program courses will meet the graduation requirement for Practical Arts.

**Diversified Career Technology Principles      8303010(1 Credit) Grade 12**

***Prerequisite: Can be taken concurrently with Diversified Cooperative Training-OJT.***

This is a program constructed to provide students with competencies basic to several job preparatory programs in a broad variety of fields. The purpose of the program is to provide the student with developing skills, knowledge and attitudes for advancement into the next level of job preparatory programs. Course includes employability skills, job attitudes, human relations, awareness of competencies required for job performance, customer service and a study of the careers available in the business areas. It will also include a study of the free enterprise system.

**Diversified Career Technology – OJT      8300410 (Up to 3 Credits) Grade 12**

***Prerequisite: Must be taken concurrently with DIVERSIFIED CAREER TECHNOLOGY PRINCIPLES.***

This course is designed to provide students with realistic on-the-job training experiences to acquire and apply knowledge, skills, and attitudes in their chosen occupational field. An individualized job-training plan is developed and utilized to assure fulfillment of job experience and measures the degree of attainment. On-the-job supervision is provided by the Diversified Cooperative Training teacher and the employer. This on-the-job portion of the program may be repeated for multiple credits. Students must have access to their own transportation.

**Cooperative Diversified Education-OJT      8300420 (Up to 3 Credits) Grade 12**

***Prerequisite: Must be currently enrolled/completing or have already completed an occupational proficiency program in any applied technology area.***

The purpose is to provide for competency development through supervised on-the-job occupational training related to instruction in an occupational proficiency program. Students must have access to their own transportation.

**Guided Workplace Learning      8300430 (Up to 3 Credits) Grade 12**

***Available for all technical/vocational clusters.***

***Prerequisite: Must be currently enrolled in or have completed an applied technology program.***

The purpose of this course is to provide students with the opportunity to gain practical, first-hand knowledge in broad occupational clusters or industry sectors through a structured intern experience. This internship is designed to give students an opportunity to integrate the occupational and applied skills learned in their technical/vocational program to actual work situations. Students must have a job that relates to their vocational program. Access to their own transportation if their internship is off

campus. Students must also be a program completer or concurrently be enrolled in the 3<sup>rd</sup> course in a vocational program here at PHS.

### Online Registration Information

#### Quick Guide to Entering Your Classes

1. Your **Username** is your **Login**. Your **Password** is your **Password**.
2. Once you login, go to **Courses for 2016-2017**
3. Then, click the tab **Update Requests**. Look for your classes in the box on the left side of the screen. Click on a class you are choosing and then click **Add Course**. The course you have just chosen should pop over into the box on the right side of the screen. Continue this process until you have chosen all **7** of your classes.

**Be Careful!** Some course numbers have code letters on the end of them. You do not want to choose one of these unless your counselor tells you to choose one of these courses.

4. After choosing your 7 classes, click on the **Alternate** tab at the top of the screen. Choose **3** classes as alternates. These will go into the computer in numerical order so your first choice should be first, your second choice second, and so on.
5. When you have finished and a counselor has checked your choices, click **Logout** and your requests will be saved.