

Palatka High School
Curriculum Guide

2018-2019



Palatka High School
302 Mellon Road
Palatka, FL 32177
386.329.0577

phs.putnamschools.org

Palatka High School

Pride, Honor, and Success

Spring 2018

Dear PHS Family Members

Palatka High School proudly presents our Curriculum Guide for the school year 2018-2019. 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,

James T. Stout
Principal

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REGISTRATION GUIDELINES

1. Study the courses in the curriculum guide and go over them with your core teachers to determine your readiness 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 form including full name and phone numbers where you can be reached during the summer.
5. Paying close attention to course requirements outlined in this curriculum guide, select the courses you desire on the registration form; once we receive test scores (over the summer) we will look at your requests and may make adjustments as necessary.
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 to your advisement teacher. Your advisement teacher will check to make sure you've completed the registration form AND entered all of your classes into Skyward.

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 9th 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:

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

Intensive Reading – students should register for this class if they believe they will need it. This class will replace an elective if you score a level 1 or 2 on the FSA ELA exam.

Students are encouraged to satisfy their FLVS requirement in 9th or 10th grade. 10th, 11th, and 12th grade students who need to satisfy their online requirement need to talk to their guidance counselor.

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 and on the first day of school.

During the first 5 days of the semester ALL schedule change requests will follow the protocol below:

- 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.

Schedule changes will only occur during the first five days of each semester.

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**

COURSE CANCELLATION

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

Standard Diploma Graduation Requirements

Requirement:	24 Credit Standard Diploma	18 Credit Standard Diploma
<i>English</i>	4 Credits (EN)	4 Credits (EN)
<i>Mathematics</i>	4 Credits (including Algebra 1 and Geometry) (A1, GE, MA)	4 Credits (including Algebra 1 and Geometry) (A1, GE, MA)
<i>Science</i>	3 Credits (including Biology) (BI, EQ)	3 Credits (including Biology) (BI, EQ)
<i>Social Studies</i>	World History (WH) United States History (AH) United States Government (½) (AG) Economics with Financial Literacy (½) (EC)	World History (WH) United States History (AH) United States Government (½) (AG) Economics with Financial Literacy (½) (EC)
<i>Performing Art</i>	1 Credit (PA)	1 Credit (PA)
<i>Physical Education</i>	1 Credit (including ½ Personal Fitness) (PF, PE)	Not Required
<i>Electives</i>	8 Credits	3 Credits
<i>Online Class</i>	1 Online Class (This may be taken as any of the above requirements)	Not Required
<i>Testing Requirements</i>	10 th Grade FSA ELA AND Algebra 1 End of Course Exam	10 th Grade FSA ELA AND Algebra 1 End of Course Exam

Collegiate High School

Palatka High School in partnership with St. Johns River State College allows a cohort of students to enroll in college level classes and earn their Associate in Arts degree, all while still enrolled in high school.

In the 9th – 11th grades, students will take a defined list of 30 college credit hours on the campus of PHS in combination with their high school classes.

In 12th grade, students will be enrolled full time on the Palatka Campus of St. Johns River State College.

Associate in Arts Degree Class Plan

9th Grade

Fall:	SLS 1101	College Success Skills	AA Elective	3 Credit Hours
Spring:	SLS 1301	Life & Career Development	AA Elective	3 Credit Hours

10th Grade

Fall:	BSC 1005/lab CGS 1100 OR other AA elective	Intro. to Biology + Intro. to Biology Lab Microcomputer Applications Software	Science Gen Ed AA Elective	4 Credit Hours 3 Credit Hours
Spring:	BSC1020/lab *IDS 1100	Human Biology + Human Biology Lab Honors Exploration (Honors Track) OR other AA elective for non-Honors eligible students	Science Gen Ed AA Elective	4 Credit Hours 3 Credit Hours

11th Grade

Fall:	*ENC 1101 MAT 1033 OR other AA elective for students placing directly into college level math	Composition 1 Intermediate Algebra	Communications Gen Ed AA Elective	3 Credit Hours 3 Credit Hours
Spring:	*ENC 1102 MAC 1105	Composition II College Algebra	Communication Gen Ed Math Gen Ed	3 Credit Hours 3 Credit Hours

Summer:

Students may take up to an additional 6 credit hours on SJR State Campus to either get caught up if they hadn't been ready for math/communications courses or to get ahead on their senior year course work or to work on baccalaureate transfer prerequisite course. This summer term would not be required, however, if they have otherwise stayed on track. These six summer extra credit hours will enable students to earn up to 66 credits at no cost while still in high school.

12th Grade

Fall:	ECO 2013 ECO 1931 HUM 2020	Macroeconomics Financial Literacy Introduction to Humanities Math Baccalaureate Transfer Program Pre-requisites/Elective Credit Hours	Social Science Gen Ed Gen Ed Elective Humanities Gen Ed Math Gen Ed	3 Credit Hours 1 Credit Hour 3 Credit Hours 3 Credit Hours
Spring:		Humanities Social Science Communications Baccalaureate Transfer Program Pre-requisites/Elective Credit Hours	Humanities Gen Ed Social Science Gen Ed Communications Gen Ed	3 Credit Hours 3 Credit Hours 3 Credit Hours 5 Credit Hours

Total 60 Credit Hours

Dual Enrollment Criteria – Subject to Change (Non – Collegiate High School)

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:

	English	Reading	Math
ACT	17	19	19 (Intermediate Algebra) 21 (College Algebra)
SAT	25	24	24 (Intermediate Algebra) 25 (College Algebra)
CPT	83	83	72 (Intermediate Algebra) 85 (College Algebra)
PERT	103	106	114 (Intermediate Algebra) 123 (College Algebra)

**Students must meet college readiness scores in Reading and English to be eligible for Dual Enrollment. Students must meet college readiness scores in ALL areas to enroll in College Math Courses.

Acceleration Track

The PHS Acceleration 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 th	10 th	11 th	12 th
English Requirement	English I Honors	English II Honors	AP English Language and Composition (or Composition I [DE] & Composition II [DE])	AP English Literature (or Composition I [DE] & Composition II [DE] or Introduction to Literature [DE])
Math Requirement	Geometry Honors	Algebra II Honors	Pre-Calculus Honors	AP Statistics (or College Algebra [DE])
Science Requirement	Biology Honors (or other Honors Science)	Chemistry Honors	AP Environmental Science (or [DE] Science Course)	AP Biology (or [DE] Science Course)
Social Studies Requirement	N/A	AP World History	AP US History (or U.S. History I & II [DE])	AP U.S. Government and Politics AND Economics with Financial Literacy Honors (OR U.S. Federal Government [DE] AND Macroeconomics [DE] AND Financial Literacy [DE])
World Language Requirement	Spanish 1	Spanish 2	Spanish 3 Honors	AP Psychology
Electives and Special Notes	AP Computer Science Principles	AP Computer Science A	AP Research	AP Capstone
	College Success Skills [DE] AND Life and Career Development [DE]	CTE Pathway/Elective	CTE Pathway/Elective	CTE Pathway/Elective

AP Capstone Diploma

Beginning in the 2018-19 school year, Palatka High School has been approved to offer the AP Capstone diploma program. Palatka High is one of approximately 1,500 schools worldwide to implement the AP Capstone diploma program – an innovative program that allows students to develop skills that matter most for college success, such as research, collaboration, and communication. The program consists of two courses taken in sequence: AP Seminar and AP Research. Students who earn a 3 or higher on AP Seminar and AP Research assessments and on four additional AP Exams of their choosing will earn the AP Capstone Diploma. This signifies their outstanding academic achievement and attainment of college-level academic and research skills.

Students who earn scores of 3 or higher on both AP Seminar and AP Research assessments only (but not on four additional AP Exams) will earn the AP Seminar and Research Certificate.

AP Seminar – (10th – 12th Grade) This course equips students with the ability to look at academic or real-world issues from multiple perspectives. Through a variety of materials – articles to research studies to foundational and philosophical texts – students tackle complex questions; understand and evaluate opposing viewpoints; interpret and synthesize information; and construct, communicate, and defend evidence-based arguments. Teachers have flexibility to cover local, regional, national, and global topics relevant to their students, around themes such as education, innovation, sustainability, and technology. Students are assessed through a team project and presentation, and individual project and presentation, and an end-of-course written exam. By tapping into students' personal interests, AP Capstone gives students from a wide range of backgrounds an entry point into stimulating coursework.

AP Research – (11th – 12th Grade) Students design, plan, and conduct a yearlong research-based investigation on a topic of individual interest, documenting their process with a portfolio. Students build on skills developed in the AP Seminar course by learning how to understand research methodology; employ ethical research practices; and collect, analyze, and synthesize information to build, present, and defend an argument. **Prerequisite:** *Students MUST first complete AP Seminar, including the end-of-course exam and all required performance tasks, to develop the skills necessary to succeed in AP Research. Students who score a 1 or 2 in AP Seminar are still eligible to enroll in AP Research but might need additional support and guidance during the course.*

In partnership with the higher education community, the College Board developed AP Capstone so students can practice skills that will serve them well in college and career. Colleges and universities have voiced their support of the program.

For more information about the College Board and AP Capstone, please visit their website:

<https://collegeboard.org/apcapstone>

Why do AP Capstone candidates stand out?

- On College applications and essays because they demonstrate critical thinking, communication, and research skills associated with AP Capstone.
- In college interviews because of the confidence, expertise, and passion they show when they talk about their unique academic projects.
- To college admission officers, who recognize that AP Capstone students know how to build evidence-based arguments, apply research methods, work in teams, deliver professional presentations, and complete long-term academic projects.

53 Colleges and Universities in the state of Florida have recognized the benefits of AP Capstone by developing credit and placement policies for AP Seminar, AP Research, or both AND/OR signed a statement of support publically endorsing AP Capstone, including all 12 of the universities of the State University System which includes the University of Florida and Florida State University.

Palatka High School will offer the following AP classes (pending enrollment numbers):

AP English Language and Composition	AP United States Government and Politics
AP English Literature and Composition	AP Capstone Seminar
AP Statistics	AP Studio Art: Drawing Portfolio
AP Biology	AP Studio Art: 3-D Design
AP Environmental Science	AP Music Theory
AP World History	AP Computer Science Principles
AP United States History	AP Computer Science
AP Psychology	

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
- Pass the Geometry EOC
- Earn 1 credit in statistics or an equally rigorous mathematics course (must be a Level 3 course, ex: AP Statistics, Pre-Calculus, 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, 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
- A student is exempt from the Biology 1 or U.S. History assessment if the student is enrolled in an AP, IB, or AICE Biology 1 or U.S. History course and the student
 - Takes the respective AP, IB, or AICE assessment; and
 - Earns the minimum score to earn college credit

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 Arts, Health Science (2 programs), Welding Technologies, Agriculture (2 programs), Administrative Assistant (Business), or Automotive Maintenance and Light Repair

Honor Graduate

Honor Graduate Status is based on a **weighted 3.5 or better GPA. This status is determined at the end of the 7th semester (1st 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

EXCEPTIONAL STUDENT EDUCATION

Two options are available only to students with disabilities. Both require 24 credits and both allow students to substitute a career and technical education (CTE) course with related content for one credit in ELA 4, Mathematics, Science, and Social Studies (excluding Algebra 1, Geometry, Biology, 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 0.5 credit via paid employment.

Standard Diploma with Access Points Graduation Requirements:

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*

PROMOTION CRITERIA

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

9th to 10th grade-----5 credits

10th to 11th grade-----11 credits

11th to 12th 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

Some teachers at Palatka High School may elect to use the following grading system:

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = 50-59

I = Incomplete

Students who earn an "I" will have the opportunity to redo the assignment/assessment that they earned the "I". A teacher may choose to award an "I" when they believe the student has not adequately met the standards or if they do not complete/turn-in the assignment/assessment. Teachers who choose to use this option will inform their students at the beginning of the semester.

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:

Letter Grade	Quality Points
A	4
B	3
C	2
D	1
F	0

WEIGHTED COURSES

All classes weighted as Honors, Dual Enrollment, or Advanced Placement (and some CTE courses) will receive weighted grades according to the following grading scale:

Letter Grade	Quality Points
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 Florida Legislature enacted requirements (Section 322.091, F.S.) that students who attain the age of 14 and accumulate 15 unexcused absences in a period of 90 calendar days be ineligible to receive or maintain driving privileges. For more information regarding truancy suspensions, please call 850/617-3811. The department will also accept the needed reinstatement documents via fax at 850/617-5158.

Students must attend school for 30 consecutive days with no tardies for driving privileges to be reinstated.

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/bfuture or www.FloridaStudentFinancialAid.org/SSFAD/bf/ or toll-free: 1-888.827-2004.

CAREER COUNSELING

Ms. Cauble, our Career Specialist for the district, has an office on our campus. She is here twice a week to meet with students for more detailed sessions regarding college and career readiness. 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@my.putnamschools.org or 329-0577 ext. 495

Extracurricular Clubs

Anchor Club	High-Q
SADD	Interact
National Honor Society	International Thespian Club (Drama Club)
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
Student Council	

Students interested in extracurricular clubs should contact the club sponsor early in the school year to participate

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: 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 education students who are pursuing a standard high school diploma with access points 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 standard diploma as prescribed by the district school board.
4. Students must maintain grades of "C" or higher during the season. If a student's weekly progress report or quarterly report card indicates a grade below a "C", that student is suspended from competition and must attend mandatory tutoring for each class that is below a "C" until the next progress report that indicates a grade of "C" or higher.

ATHLETIC ELIGIBILITY & NCAA

Any student interested in playing sports in college should plan on meeting with your school counselor EACH YEAR to make sure all necessary coursework and paperwork is in place to ensure eligibility. It is your responsibility as a student-athlete to make sure you are taking the correct courses and making adequate grades for eligibility. It is highly recommended that you meet with a school counselor for consultation on these requirements.

For information on Division 1, 2, or 3 NCAA Athletic Eligibility, please consult the NCAA Eligibility Center website at: <https://web3.ncaa.org/ecwr3/>

For information on NAIA Athletic Eligibility, please consult the NAIA Eligibility Center website at: <https://www.playnaia.org/eligibility-center>

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

See Appendix A for our recommended Division 1 Eligibility Plan

TESTING: REQUIRED and OPTIONAL

REQUIRED TESTS

FSA – Florida Standards Assessment

- Measures skills in reading and writing
- Students must achieve a passing score of Level 3 on the 10th Grade FSA English/Language Arts to meet graduation requirements
- FSA/ELA is administered in March and April to all 9th & 10th graders (Writing and Reading)

END OF COURSE EXAMS * see graduation requirement of 9th 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. Students who do not take these EOC exams DO NOT receive credit for the class until they complete the EOC exam. EOC exams are currently administered in the spring, fall, and winter.

PSAT/NMSQT - Preliminary Scholastic Aptitude Test and National Merit Scholarship Qualifying Test

- All 9th, 10th, and 11th 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
- This test is required of juniors for consideration for National Merit Scholarships.
- Georgia Pacific offers scholarships for children of their employees; those students MUST take the PSAT during their 11th grade year to be eligible for this scholarship during their senior year. It is the responsibility of the student and parent to gather all application materials and submit by the deadlines outlined by Georgia Pacific (GP does not communicate any information to PHS about this scholarship and has traditionally sent the information to their employees through company email).

SAT - All Putnam County School District 11th 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

- 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
- Information about dates, times, and locations of administration can be found at www.act.org
- Required for Bright Futures eligibility (or SAT)

SAT- Scholastic Aptitude Test of the College Board - 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
- Information about dates, times, and locations of administration can be found at www.collegeboard.org
- Required for Bright Futures eligibility (or ACT)

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

- This test is used for college placement. Scores for this test will help with qualification for dual enrollment and/or college classes in the future. This test will also satisfy the Algebra 1 EOC requirement with a score of 97 or above (subject to change with new legislation).

TABE – Testing of Adult Basic Education

- For students planning to attend a technical school after graduation or wants to be evaluated for taking the GED.



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.

- 9th grade AVID courses include AVID 1, English 1, Algebra 1, and Biology
 - 10th grade AVID courses include AVID 2, English 2, Geometry, Chemistry, and World History
 - 11th grade AVID courses include AVID 3, English 3, Algebra 2, Chemistry 2, and United States History
 - 12th grade AVID courses include AVID 4, English 4, Math for College Readiness, Physics, United States Government, and Economics with Financial Literacy
- ** Students in AVID are strongly encouraged to take Honors and Advanced Placement courses.*

To apply for this program, please contact Marlene Ogle at 329-0577 or mogle@my.putnamschools.org



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 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***
- Health Science***

- Agritechnology***
- Welding Technologies***
- Digital Photography***
- Advanced Manufacturing Technology***

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:

CAPE Program	Certification Test(s)
Automotive Maintenance and Light Repair	ASE Certification Florida Automobile Dealers Association Certified Technician
Culinary Arts	Certified Food Production Manager (Serv-Safe®) Prostart
Health Science	Certified Medical Administrative Assistant Certified EKG Technician
Welding Technologies	Certified Welder
Agritechnology	Certified Agritechnician
Administrative Office Specialist	Microsoft Office Specialist
Animal Science and Services	Animal Science Certifications
Digital Photography	Adobe Certified Associate (ACA) - Photoshop

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.

ENGLISH/LANGUAGE ARTS

Course Sequence:

9th Grade – English 1

10th Grade – English 2

11th Grade – English 3

12th Grade – English 4

1000410	Intensive Reading	Up to 3 Credits	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	
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 FSA ELA Exam (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 FSA ELA scores in May, student course requests will be adjusted. If you scored at Level 1 or 2 on the FSA ELA your schedule will be changed to include Intensive Reading for remediation. This is state mandated.				
1001310	English 1	1 Credit	EN	Grade: 9
Pre-requisite:	None		FSA ELA	FBF, GSV, NCAA
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.				
1001320	English 1 Honors	1 Credit	EN	Grade: 9
Pre-requisite:	None	Honors Level	FSA ELA	FBF, GSV, NCAA
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.				
1001340	English 2	1 Credit	EN	Grade: 10
Pre-requisite:	English 1		FSA ELA	FBF, GSV, NCAA
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.				

1001350	English 2 Honors	1 Credit	EN	Grade: 10
Pre-requisite:	English 1	Honors Level	FSA ELA	FBF, GSV, NCAA
<p>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.</p> <p>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.</p>				
1001370	English 3	1 Credit	EN	Grade: 11
Pre-requisite:	English 2		No EOC	FBF, GSV, NCAA
<p>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.</p>				
1001405	English 4: Florida College Prep.	1 Credit	EN	Grade: 12
Pre-requisite:	English 3		No EOC	FBF, GSV, NCAA
<p>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.</p> <p>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.</p>				
1005300	World Literature	1 Credit	EN	Grade 11-12
Pre-requisite:	English 2	This class will help meet the 18-credit diploma		FBS, GSV
<p>The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of world literature through integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative world literature, with its varied cultural influences, highlighting the major genres, themes, issues, and influences associated with the selections</p>				
1020850	World Literature Honors	1 Credit	EN	Grade 11-12
Pre-requisite:	English 2	This class will help meet the 18-credit diploma		FBS, GSV
<p>The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of world literature through integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative world literature, with its varied cultural influences, highlighting the major genres, themes, issues, and influences associated with the selections</p>				

1005310	American Literature	1 Credit	EN	Grade 11-12
Pre-requisite:	English 2	This class will help meet the 18-credit diploma		FBS, GSV
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.				
1020810	American Literature Honors	1 Credit	EN	Grade 11-12
Pre-requisite:	English 2	This class will help meet the 18-credit diploma		FBS, GSV
The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of American literature through advanced integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative American literature, with its varied cultural influences, from the Colonial Period to the present, highlighting the major genres, themes, subjects, and historical influences associated with each literary period, including pertinent foundational documents in United States history.				
1005311	Ancient Literature	1 Credit	EN	Grade 11-12
Pre-requisite:	English 2			FBS, GSV
The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of ancient literature through integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative ancient literature, with its varied cultural influences, highlighting the major genres, themes, issues, and influences associated with the literary period.				
1005312	Modern Literature	1 Credit	EN	Grade 11-12
Pre-requisite:	English 2			FBS, GSV
The purpose of this course is to enable students, using texts of high complexity, to develop knowledge of modern literature through integrated educational experiences of reading, writing, speaking and listening, and language. Emphasis will be on representative ancient literature, with its varied cultural influences, highlighting the major genres, themes, issues, and influences associated with the literary period.				
1020860	Great Books Honors	1 Credit	EN	Grade: 11-12
Pre-requisite:	English 2	Honors Level	No EOC	FBF, GSV, NCAA
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.				

1001420	AP English Language and Composition	1 Credit	EN	Grade: 11-12
Pre-requisite:	None - English 2 Honors is HIGHLY RECOMMENDED	Honors Level	AP Exam	FBF, GSV, NCAA
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 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.				
1001430	AP English Literature and Composition	1 Credit	EN	Grade: 11-12
Pre-requisite:	None - AP English Language and Composition is HIGHLY RECOMMENDED	Honors Level	AP Exam	FBF, GSV, NCAA
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.				

MATHEMATICS

Course Sequence:

Please see your guidance counselor or an administrator for advisement.

1200310	Algebra 1	1 Credit	A1	Grade: 9-12
Pre-requisite:	None		EOC 30% Graduation Requirement	FBF, GSV, NCAA
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.				
1207300	Liberal Arts Mathematics 1	1 Credit	MA	Grade: 9-12
Pre-requisite:	Algebra 1 or its equivalent		No EOC	FBF, GSV
Reinforce your existing algebra and geometry skills and explore concepts needed to advance your mathematics studies.				

1206310	Geometry	1 Credit	GE	Grade: 9-12
Pre-requisite:	Algebra 1 or its equivalent If taken before 11 th grade you must have earned a level 3 or higher on the Algebra 1 EOC		EOC 30%	FBF, GSV, NCAA
<p>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</p>				
1206320	Geometry Honors	1 Credit	GE	Grade: 9-12
Pre-requisite:	Algebra 1 or its equivalent If taken before 11 th grade you must have earned a level 3 or higher on the Algebra 1 EOC	Honors Level	EOC 30%	FBF, GSV, NCAA
<p>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.</p>				
1200340	Algebra 2 Honors	1 Credit	MA	Grade: 9-12
Pre-requisite:	Algebra 1 and Geometry. Must have also passed the Algebra 1 and Geometry EOCs with a Level 4 or above	Honors Level	EOC 30%	FBF, GSV, NCAA
<p>Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions.² 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.</p>				

1202340	Pre-Calculus Honors	1 Credit	MA	Grade: 11-12
Pre-requisite:	Algebra 1 and Geometry. Algebra 2 is also recommended	Honors Level	No EOC	FBF, GSV, NCAA
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.				
1200700	Math for College Readiness	1 Credit	MA	Grade: 11-12
Pre-requisite:	Algebra 1 and Geometry.		No EOC	FBF, GSV, NCAA
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.				
1210300	Probability & Statistics with Applications Honors	1 Credit	MA	Grade: 11-12
Pre-requisite:	Algebra 1 and Geometry.	Honors Level	No EOC	FBF, GSV, NCAA
Introduction to statistical reasoning, including sampling, elementary probability, statistical inference, and data analysis. This course requires a high level of reading comprehension, attention to detail, as well as conceptual understanding.				
1200387	Financial Algebra	1 Credit	MA	Grade: 11-12
Pre-requisite:	Algebra 1 and Geometry.		No EOC	
Intent of the course: The financial literacy focus of this course provides a real-life framework to apply upper-level mathematics standards. In our consumer-based society, a mathematics course that addresses the results of financial decisions will result in more fiscally responsible citizens. This course will give students the opportunity to apply mathematics found in financial topics such as personal investments, retirement planning, credit card interest, and savings. Financial Algebra is designed for students who have completed Algebra 1 and Geometry. The course would be a bridge to upper-level mathematics such as Algebra 2 and Mathematics for College Readiness.				
1210320	AP Statistics	1 Credit	MA	Grade: 11-12
Pre-requisite:	Probability and Statistics with Applications Honors		No EOC	FBF, GSV, NCAA
The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.				

MAT 1033	Intermediate Algebra	½ Credit	MA	Grade: 10-12
Pre-requisite:	Dual Enrollment Eligible; Satisfactory scores on placement tests or completion of developmental mathematics with a "C" or higher.	Collegiate High School 11th Grade	No EOC	FBF, GSV
Topics include factoring, rational expressions, radicals, complex numbers, quadratic equations, lines, and systems of linear equations.				
MAC 1105	College Algebra	1 Credit	MA	Grade: 10-12
Pre-requisite:	Dual Enrollment Eligible; Satisfactory score on placement tests, or completion of MAT 1033 with a grade of "C" or higher.	Collegiate High School 11th Grade	No EOC	FBF, GSV
Major topics are solving equations, drawing graphs, and using functions. Emphasis will be placed on linear, quadratic, exponential, and logarithmic functions and their applications.				

SCIENCE

Course Sequence:

9th Grade – Environmental Science

10th Grade – Biology

11th Grade – Equally Rigorous Science

12th Grade - Optional

2000310	Biology	1 Credit	B1	Grade: 9-12
Pre-requisite:	Environmental Science or Level 3 or above on NGSSS 8 th Grade Science Assessment		EOC 30%	FBF, GSV, NCAA
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				
2000320	Biology Honors	1 Credit	B1	Grade: 9-12
Pre-requisite:	Environmental Science or Level 3 or above on NGSSS 8 th Grade Science Assessment	Honors Level	EOC 30%	FBF, GSV, NCAA
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.				

2001340	Environmental Science	1 Credit	EQ	Grade: 9-12
Pre-requisite:	None		No EOC	FBF, GSV, NCAA
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.				
2001341	Environmental Science Honors	1 Credit	EQ	Grade: 9-12
Pre-requisite:	None	Honors Level	No EOC	
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.				
2002500	Marine Science 1	1 Credit	EQ	Grade: 9-12
Pre-requisite:	Biology		No EOC	FBF, GSV, NCAA
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.				
2002510	Marine Science 1 Honors	1 Credit	EQ	Grade: 9-12
Pre-requisite:	Biology		No EOC	FBF, GSV, NCAA
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.				
2003340	Chemistry 1	1 Credit	EQ	Grade: 9-12
Pre-requisite:	Biology and Grade "C" or better in Algebra 1		No EOC	FBF, GSV, NCAA
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.				

2003350	Chemistry 1 Honors	1 Credit	EQ	Grade: 9-12
Pre-requisite:	Biology and Grade "C" or better in Algebra 1	Honors Level	No EOC	FBF, GSV, NCAA
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.				
2003360	Chemistry 2 Honors	1 Credit	EQ	Grade: 10-12
Pre-requisite:	Grade "C" or better in Chemistry 1	Honors Level	No EOC	FBF, GSV, NCAA
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. Students should expect homework regularly.				
2000360	Anatomy and Physiology Honors	1 Credit	EQ	Grade: 10-12
Pre-requisite:	Grade "C" or better in Biology Honors and Chemistry 1	Honors Level	No EOC	FBF, GSV, NCAA
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.				
2003380	Physics 1	1 Credit	EQ	Grade: 11-12
Pre-requisite:	Passed Algebra 1 EOC & grade of "C" or better in Geometry and/or Algebra 2		No EOC	FBF, GSV, NCAA
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.				

2001380	AP Environmental Science	1 Credit	EQ	Grade: 11-12
Pre-requisite:	Grade of "B" or higher in both Biology and Chemistry	Honors Level	AP Exam	FBF, GSV
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. Students will be expected to take the AP Environmental Science Exam. Students in PLTW Engineering can receive College Board recognition for Engineering on their transcript by passing the AP exam with a 3 or higher.				
2000340	AP Biology	1 Credit	EQ	Grade: 11-12
Pre-requisite:	Grade of "B" or higher in both Biology and Chemistry	Honors Level	AP Exam	FBF, GSV, NCAA
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				
BSC 1005/lab	Introduction to Biology + Introduction to Biology Lab	1 Credit	B1	Grade: 10-12
Pre-requisite:	Dual Enrollment Eligible	Collegiate High School 10 th Grade	No EOC	FBF, GSV
An introduction to and application of fundamental biological concepts for non- science majors. The emphasis will be on major biological concepts such as cell structure and function, biochemistry and metabolism, genetics and the interrelationships among organisms.				
OCB 1000/lab	Marine Biology + Marine Biology Lab	1 Credit	EQ	Grade: 10-12
Pre-requisite:	Dual Enrollment Eligible	Collegiate High School 10 th Grade	No EOC	FBF, GSV, NCAA
This course is a broad introduction to the biology of the seas and its inhabitants. Emphasis will be on the structure, form and function, physiological and behavioral adaptations and a survey of the major local marine organisms and habitat zones. Special attention will be given to unique habitats like coral reefs, estuaries. sea grass beds and mangrove areas. Discussions will include the relationship of the physical, biological and chemical environments to the overall distribution of marine plants and animals. This course will also address man's impact on the ocean environment.				

SOCIAL STUDIES

Course Sequence:

10th Grade – World History

11th Grade – United States History

12th Grade – United States Government AND Economics with Financial Literacy

2109310	World History	1 Credit	WH	Grade: 10
Pre-requisite:	None		No EOC	FBF, GSV, NCAA
This 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.				

2109320	World History Honors	1 Credit	WH	Grade: 10
Pre-requisite:	None	Honors Level	No EOC	FBF, GSV, NCAA
<p>This 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 scaffold 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).</p>				
2100310	United States History	1 Credit	AH	Grade: 11
Pre-requisite:	World History		EOC 30%	FBF, GSV, NCAA
<p>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.</p>				
2100320	United States History Honors	1 Credit	AH	Grade: 11
Pre-requisite:	World History	Honors Level	EOC 30%	FBF, GSV, NCAA
<p>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.</p>				
2106310	United States Government	1 Credit	AG	Grade: 12
Pre-requisite:	U.S. History		No EOC	FBF, GSV, NCAA
<p>This 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.</p>				

2106320	United States Government Honors	1 Credit	AG	Grade: 12
Pre-requisite:	U.S. History	Honors Level	No EOC	FBF, GSV, NCAA
<p>This 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 scaffolder 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).</p>				
2102335	Economics with Financial Literacy	½ Credit	EC	Grade: 12
Pre-requisite:	U.S. History		No EOC	FBF, GSV, NCAA
<p>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.</p>				
2102345	Economics with Financial Literacy Honors	½ Credit	EC	Grade: 12
Pre-requisite:	U.S. History	Honors Level	No EOC	FBF, GSV, NCAA
<p>This course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle. Honors/Advanced courses offer scaffolder 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).</p>				

2106390	Court Procedures	½ Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	
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.				
2100350	Florida History	½ Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	FBF
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.				
2105350	Ethics	½ Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	
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.				

2100335	African-American History	½ Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	FBF
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.				
2104350	Engaged Citizenship through Service-Learning 1	½ Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	
This course provides an introduction and opportunities for leadership in the areas of service-learning and civic responsibility. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 30 hours' duration.				
2104350	Engaged Citizenship through Service-Learning 2	½ Credit	Elective	Grade: 9-12
Pre-requisite:	Engaged Citizenship through Service-Learning 1		No EOC	
This course provides applications and opportunities for leadership in the areas of service-learning, civic responsibility, and civic engagement. Academic, personal, and career skills needed for effective service-learning project implementation will be taught and applied through structured service projects that meet real school and/or community needs. Students will actively participate in meaningful service-learning experiences of at least 40 hours' duration.				
2107300	Psychology 1	½ Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	FBF
Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal behavior, psychological therapies, stress/coping strategies, and mental health.				
2107310	Psychology 2	½ Credit	Elective	Grade: 9-12
Pre-requisite:	Psychology 1		No EOC	FBF
Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this second introductory course includes statistical research, psychobiology, motivation and emotion, sensation and perception, states of consciousness, psychological testing, and social psychology.				

2109420	AP World History	1 Credit	WH	Grade: 10
Pre-requisite:	None	Honors Level	AP Exam	FBF, GSV, NCAA
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.				
2100330	AP United States History	1 Credit	AH	Grade: 11
Pre-requisite:	World History	Honors Level	AP Exam	FBF, GSV, NCAA
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.				
2107350	AP Psychology	1 Credit	Elective	Grade: 10-12
Pre-requisite:	None	Honors Level	AP Exam	FBF, NCAA
This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.				
2106420	AP United States Government and Politics	½ Credit	AG	Grade: 12
Pre-requisite:	United States History	Honors Level	AP Exam	FBF, GSV
This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.				
2104320	Global Studies	1 Credit	Elective	Grade: 9-12
Pre-requisite:	None			
The primary content emphasis for this course pertains to the study of commonalities and differences among the peoples and cultures of the world and the complex nature of individual, group and national interactions in today's world. Content should include, but is not limited to, global interdependence and challenges, culture, international systems and policies, pluralism, transnationalism, and cultural diffusion, global economics, and human-environment interactions.				

ART

0104340	Drawing 1	1 Credit	PA	Grade: 9-12
Pre-requisite:	None		No EOC	
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.				
0104350	Drawing 2	1 Credit	PA	Grade: 10-12
Pre-requisite:	Drawing 1		No EOC	
Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing. Student artists sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.				
0104360	Drawing 3 Honors	1 Credit	PA	Grade: 11-12
Pre-requisite:	Drawing 2		No EOC	
Students demonstrate proficiency in the conceptual development of content in drawing to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. This course incorporates hands-on activities and consumption of art materials.				
0104300	AP Studio Art Drawing	1 Credit	PA	Grade: 12
Pre-requisite:	Drawing 2		No EOC	
The instructional goals are: <ul style="list-style-type: none"> • Encourage creative and systematic investigation of formal and conceptual issues • Emphasize making art as an ongoing process that involves the student in informed and critical decision making. • Help students develop technical skills and familiarize them with the functions of the visual elements. • Encourage students to become independent thinkers who will contribute inventively and critically to their culture through artmaking. 				
0102300	Ceramics/Pottery 1	1 Credit	PA	Grade: 9-12
Pre-requisite:	None		No EOC	
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.				

0102310	Ceramics/Pottery 2	1 Credit	PA	Grade: 10-12
Pre-requisite:	Ceramics/Pottery 1		No EOC	
<p>Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instructional focus should be on ceramics and/or pottery. Processes and techniques for substitution may include, but are not limited to, wheel-thrown clay, glaze formulation and application. Media may include, but are not limited to, clay and/or plaster with consideration of the workability, durability, cost, and toxicity of the media used. Ceramic and/or pottery artists experiment with and manipulate space-producing devices, including overlapping, transparency, interpenetration, vertical and horizontal axis, inclined planes, disproportionate scale, fractional or abstracted representation, and spatial properties of the structural art elements. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.</p>				
0102320	Ceramics/Pottery 3 Honors	1 Credit	PA	Grade: 10-12
Pre-requisite:	Ceramics/Pottery 1	Honors Level	No EOC	
<p>Students communicate a sense of 4-D, motion, and/or time, based on creative use of spatial relationships and innovative treatment of space and its components. Instruction may include content in ceramics, pottery, or other related media. Students address 4-D, the inter-relatedness of art and context, and may also include installation or collaborative works, virtual realities, light as a medium (i.e., natural, artificial, or reflective), or flexible, entered, or activated space. Other concepts for exploration include tension, compression or expansion, intrusions or extrusions, grouping, proximity, containment, closure, contradiction, and continuity. Ceramic and/or pottery artists experiment with processes, techniques, and media, which may include, but are not limited to, casting and kiln-firing techniques, and mold making. Craftsmanship and quality are reflected in the surface and structural qualities of the completed art forms. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.</p>				
0109360	AP Studio Art 3-D Design	1 Credit	PA	Grade: 12
Pre-requisite:	None	Honors Level	No EOC	
<p>This portfolio is intended to address sculptural issues. Design involves purposeful decision making about using the elements and principles of art in an integrative way. In the 3-D Design Portfolio, students are asked to demonstrate their understanding of design principles as they relate to the integration of depth and space, volume and surface. The principles of design (unity/variety, balance, emphasis, contrast, rhythm repetition, proportion/scale, and occupied/unoccupied space) can be articulated through the visual elements (mass, volume, color/light, form, plane, line texture). For this portfolio, students are asked to demonstrate understanding of 3-D design through any three-dimensional approach, including, but not limited to figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glass work, installation, performance, assemblage and 3-D fabric/fiber arts. There is no preferred (or unacceptable) style or content.</p>				

0108310	Creative Photography 1	1 Credit	PA	Grade: 9-12
Pre-requisite:	None		No EOC	
<p>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.</p>				
0108320	Creative Photography 2	1 Credit	PA	Grade: 10-12
Pre-requisite:	Creative Photography 1		No EOC	
<p>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.</p>				
0108330	Creative Photography 3 Honors	1 Credit	PA	Grade: 11-12
Pre-requisite:	Creative Photography 2	Honors Level	No EOC	
<p>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.</p>				

INSTRUMENTAL MUSIC

1302300	Band 1	1 Credit Each	PA	Grade: 9-12
1302310	Band 2			
1302320	Band 3			
1302340	Band 4			
Pre-requisite:	Successful completion of previous band course		No EOC	
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.				
1302420	Instrumental Techniques 1	1 Credit Each	PA	Grade: 9-12
1302430	Instrumental Techniques 2			
1302440	Instrumental Techniques 3			
1302450	Instrumental Techniques 4			
Pre-requisite:	Successful completion of previous band course		No EOC	
This is the percussion class for the band. Students in this entry-level class focus on the development of musical and technical skills on a specific instrument through etudes, scales, and selected music literature. Through problem-solving, critical thinking, and reflection, students develop the physical and cognitive skills to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.				
1301360	Keyboarding (Piano) 1	1 Credit Each	PA	Grade: 9-12
1301370	Keyboarding (Piano) 2			
1301380	Keyboarding (Piano) 3			
1301390	Keyboarding (Piano) 4 Honors			
Pre-requisite:	Successful completion of previous Keyboarding course	Honors Level (Keyboarding 4 Honors)	No EOC	
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.				
1301320	Guitar 1	1 Credit Each	PA	Grade: 9-12
1301330	Guitar 2			
1301340	Guitar 3			
1301350	Guitar 4 Honors			
Pre-requisite:	Student must provide his/her own guitar. Successful completion of previous Guitar course	Honors Level (Guitar 4 Honors)	No EOC	
The purpose of this course is to enable students to develop guitar proficiency. Emphasis is placed on reading music, style, form, and performance.				

1305300	Eurhythmics 1	1 Credit Each	PA	Grade: 9-12
1305310	Eurhythmics 2			
1305320	Eurhythmics 3			
1305330	Eurhythmics 4			
Pre-requisite:	Audition and Band Director's Approval		No EOC	
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.				
1300330	AP Music Theory	1 Credit	PA	Grade: 10-12
Pre-requisite:	None		AP Exam	
AP Music Theory corresponds to two semesters of a typical introductory college music theory course covering topics such as musicianship, theory, musical materials, and procedures. Students develop the ability to recognize, understand, and describe basic materials and processes of music that are heard or presented in a score. Development of aural skills is a primary objective. Students understand basic concepts and terminology by listening to and performing a wide variety of music.				

FOREIGN LANGUAGE

- Foreign Language is NOT required for high school graduation.
- Two (2) credits of the same Foreign Language IS required for State University System Admissions
- Admissions to a State College does not require two credits, HOWEVER you will be required to take foreign language credits to graduate from a State College with your A.A. Degree

0708340	Spanish 1	1 Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	SUS, FBF, NCAA
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.				
0708350	Spanish 2	1 Credit	Elective	Grade: 9-12
Pre-requisite:	Grade "C" or better in Spanish 1		No EOC	SUS, FBF, NCAA
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.				
0708360	Spanish 3 Honors	1 Credit	Elective	Grade: 9-12
Pre-requisite:	Grade "C" or better in Spanish 2	Honors Level	No EOC	
Spanish 3 provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.				

PHYSICAL EDUCATION

Course Sequence:

Personal Fitness – ½ credit (required)

Choose an additional ½ credit (required)

All athletes playing sports at PHS should enroll in a weight lifting class.

1501300	Personal Fitness	½ Credit	PF	Grade: 9-12
Pre-requisite:	None		No EOC	Graduation Requirement
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.				
1501340	Weight Training 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.				
1501350	Weight Training 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Weight Training 1		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.				
1501360	Weight Training 3	½ Credit	PE	Grade: 9-12
Pre-requisite:	Weight Training 2		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.				
1501390	Comprehensive Fitness	½ Credit	PE	Grade: 9-12
Pre-requisite:	Weight Training 3		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course. *Must be a Football Player at PHS*				
1501410	Power Weight Training 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	Weight Training 3		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to develop the physical skills necessary to be competent in many forms of movement as it relates to weight training. The integration of fitness concepts throughout the content is critical to the success of this course.				
1502410	Individual/Dual Sports 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
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. *Must be a Football Player at PHS*				

1502420	Individual/Dual Sports 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Individual/Dual Sports 1		No EOC	Will satisfy Graduation Requirement
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. *Must be a Football Player at PHS*				
1502430	Individual/Dual Sports 3	½ Credit	PE	Grade: 9-12
Pre-requisite:	Individual/Dual Sports 2		No EOC	Will satisfy Graduation Requirement
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. *Must be a Football Player at PHS*				
1502470	Recreational Activities	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of archery, develop skills in archery, and maintain and/or improve their personal fitness.				
1504400	Golf 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of golf, develop skills in golf, and maintain and/or improve their personal fitness.				
1504410	Golf 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Golf 1		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of golf, develop skills in golf, and maintain and/or improve their personal fitness.				
1504500	Tennis 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purpose of Tennis 1 is to acquire knowledge of skills in tennis and to maintain and/or improve health-related fitness. Intermediate and Advanced Tennis allow the student to extend the knowledge and development of their skill and maintain or improve their health-related fitness				
1504510	Tennis 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Tennis 1		No EOC	Will satisfy Graduation Requirement
Tennis 2 allows the student to extend the knowledge and development of their skill and maintain or improve their health-related fitness				
1504520	Tennis 3	½ Credit	PE	Grade: 9-12
Pre-requisite:	Tennis 2		No EOC	Will satisfy Graduation Requirement
Tennis 3 allows the student to extend the knowledge and development of their skill and maintain or improve their health-related fitness				
1503310	Basketball 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
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.				

1503315	Basketball 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Basketball 1		No EOC	Will satisfy Graduation Requirement
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.				
1503320	Soccer	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to provide students with the opportunities to acquire knowledge and skills in soccer that may be used in recreational pursuits today as well as later in life, and maintain and/or improve personal fitness.				
1503330	Softball	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purpose of this course is to provide students with the opportunities to acquire knowledge and skills in softball that may be used in recreational pursuits today as well as later in life, and maintain and/or improve personal fitness.				
1503350	Team Sports 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
These are survey courses whose purpose is to acquire knowledge of team sports play, develop skills in selected team sports, and maintain health related fitness.				
1503360	Team Sports 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Team Sports 1		No EOC	Will satisfy Graduation Requirement
These are survey courses whose purpose is to acquire knowledge of team sports play, develop skills in selected team sports, and maintain health related fitness.				
1505500	Volleyball 1	½ Credit	PE	Grade: 9-12
Pre-requisite:	None		No EOC	Will satisfy Graduation Requirement
The purposes of these courses are to acquire knowledge and skills in volleyball that may be used in current and future recreational pursuits and maintain and/or improve personal fitness.				
1505510	Volleyball 2	½ Credit	PE	Grade: 9-12
Pre-requisite:	Volleyball 1		No EOC	Will satisfy Graduation Requirement
The purposes of these courses are to acquire knowledge and skills in volleyball that may be used in current and future recreational pursuits and maintain and/or improve personal fitness.				
1505520	Volleyball 3	½ Credit	PE	Grade: 9-12
Pre-requisite:	Volleyball 2		No EOC	Will satisfy Graduation Requirement
The purposes of these courses are to acquire knowledge and skills in volleyball that may be used in current and future recreational pursuits and maintain and/or improve personal fitness.				

ARMY R.O.T.C.

ROTC waiver for PE & Performing Fine Art: 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.

1801300	Army: Leadership Education and Training 1	1 Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	
<p>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.</p>				
1801310	Army: Leadership Education and Training 2	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Army: Leadership Education and Training 1		No EOC	
<p>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.</p>				
1801320	Army: Leadership Education and Training 3	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Army: Leadership Education and Training 2		No EOC	
<p>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.</p>				
1801330	Army: Leadership Education and Training 4	1 Credit	Elective	Grade: 12
Pre-requisite:	Army: Leadership Education and Training 3		No EOC	
<p>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.</p>				

Additional Electives

1006300N 1006310N 1006320N 1006330N	Journalism 1 Newspaper Journalism 2 Newspaper Journalism 3 Newspaper Journalism 4 Newspaper	1 Credit Each	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	
<p>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 newspaper.</p> <p>This will include preplanning, scheduling, selling advertising. Students will receive instruction in the principles of picture layouts, picture cropping, copy writing, and headline writing.</p>				
1006300Y 1006310Y 1006320Y 1006330Y	Journalism 1 Yearbook Journalism 2 Yearbook Journalism 3 Yearbook Journalism 4 Yearbook	1 Credit Each	Elective	Grade: 9-12
Pre-requisite:	Application and Journalism Teacher Approval		No EOC	
<p>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.</p> <p>This will include preplanning, scheduling, selling advertising. Students will receive instruction in the principles of picture layouts, picture cropping, copy writing, and headline writing.</p>				
1900310	Driver Education/Traffic Safety – Classroom and Laboratory	½ Credit	Elective	Grade: 9-12
Pre-requisite:	Must have at least CLASS E-Learner Driver License		No EOC	
<p>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. The content should include, but not be limited to, the following:</p> <ul style="list-style-type: none"> • vehicle control and traffic procedure • defensive driving strategies • pertinent laws and their application to driving • energy efficient and safe enjoyable vehicle ownership • physical and mental factors • legal and moral obligations • knowledge of motorcycle operations and interactions in the system • planning for safe travel to include map studies • the effects of alcohol and other drugs on driving performance 				

1700500	AP Capstone Seminar	1 Credit	Elective	Grade: 10-12
Pre-requisite:	None		AP Exam	
<p>This course equips students with the ability to look at academic or real-world issues from multiple perspectives. Through a variety of materials – articles to research studies to foundational and philosophical texts – students tackle complex questions; understand and evaluate opposing viewpoints; interpret and synthesize information; and construct, communicate, and defend evidence-based arguments. Teachers have flexibility to cover local, regional, national, and global topics relevant to their students, around themes such as education, innovation, sustainability, and technology. Students are assessed through a team project and presentation, and individual project and presentation, and an end-of-course written exam. By tapping into students’ personal interests, AP Capstone gives students from a wide range of backgrounds an entry point into stimulating coursework.</p>				
2400310	Leadership Techniques	1 Credit	Elective	Grade: 9
Pre-requisite:	None – Required for ALL 9 th Grade		No EOC	
<p>This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society.</p> <p>The content should include, but not be limited to, the following:</p> <ul style="list-style-type: none"> • Development in areas such as self-esteem, goal setting, and character building • Enhanced leadership skills and the ability to function in both a group setting and the community 				
1700390	Advancement Via Individual Determination 1 (AVID 1)	1 Credit	Elective	Grade: 9
Pre-requisite:	Application – May be taken in lieu of Leadership Techniques (2400310)		No EOC	
<p>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.</p>				

1700400	Advancement Via Individual Determination 2 (AVID 2)	1 Credit	Elective	Grade: 10
Pre-requisite:	AVID 1		No EOC	
<p>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. Students in the tenth grade AVID Elective course will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase the rigorous course load and school/community involvement, they will refine their time management and study skills accordingly. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Students will also analyze various documents, in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams and preparation. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.</p>				
1700410	Advancement Via Individual Determination 3 (AVID 3)	1 Credit	Elective	Grade: 11
Pre-requisite:	AVID 2		No EOC	
<p>AVID (Advancement Via Individual Determination) elective courses at all grade levels are designed to prepare students for success in four-year colleges and universities. The courses emphasize rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test taking strategies, note taking and research. The eleventh grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course is organized around the theme of "Leadership as a Catalyst for Change in Society." Students study, in depth, exceptional leaders in contemporary society and examine the effect these individuals have had on culture, politics, education, history, science and the arts. The course requires that students read essays, speeches, articles and letters by these leaders, as well as at least one full-length work by the leader or about the leader. Also, each student is required to conduct a research project that is presented in the senior year. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.</p>				
1700420	Advancement Via Individual Determination 4 (AVID 4)	1 Credit	Elective	Grade: 12
Pre-requisite:	AVID 3		No EOC	
<p>AVID (Advancement Via Individual Determination) elective courses at all grade levels are designed to prepare students for success in four-year colleges and universities. The courses emphasize rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test taking strategies, note taking and research. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program as well as complete the requirements for the Seminar course. The AVID Elective twelfth grade course is the second part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. This course continues around the theme of "Leadership as a Catalyst for Change in Society." Students will complete a final research essay project from research conducted in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies and tasks that should be achieved during the senior year that support students as they apply to four- year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.</p>				

0200335	AP Computer Science Principles	1 Credit	Elective	Grade: 9-12
Pre-requisite:	Algebra 1		AP Exam	
<p>The AP Computer Science Principles course is designed to be equivalent to a first semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering students' creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to the community, society, and the world.</p>				
0200320	AP Computer Science A	1 Credit	Elective	Grade: 10-12
Pre-requisite:	AP Computer Science Principles		AP Exam	
<p>The AP Computer Science A course is an introductory course in computer science. The major themes of the course is problem solving. In this course, students will design, implement and analyze solutions to problems; use and implement commonly used algorithms; use standard data structures; develop and select appropriate algorithms and data structures to solve new problems; write solutions fluently in an object-oriented paradigm; write, run, test, and debug solutions in the Java programming language, utilizing standard Java library classes and interfaces from the AP Java subset; read and understand programs consisting of several classes and interacting objects; read and understand a description of the design and development process leading to such a program; understand the ethical and social implications of computer use.</p>				
0500300	Volunteer Public Service	½ Credit	Elective	Grade: 11-12
Pre-requisite:	Teacher Recommendation		No EOC	
<p>Students will serve as tutors in math classes. Attendance is expected daily. Failure to attend class and participate in tutorial instruction will result in a failing grade and/or removal from the class.</p>				
SLS 1101	College Success Skills	½ Credit	Elective	Grade: 9-12
Pre-requisite:	Dual Enrollment Eligible	Collegiate High School 9 th Grade	No EOC	
<p>A course designed to teach students the behaviors consistent with success in academic settings. Opportunity is provided via lecture, individual and group activities, and tests for learning and practicing effective ways of coping with the demands of college life. Topics include note and test-taking strategies, active listening skills, reading strategies, mnemonics, proper management of time and money, goal setting, awareness of resources, and positive attitude development. This course may not be used for social science credit.</p>				
SLS 1301	Life and Career Development	½ Credit	Elective	Grade: 9-12
Pre-requisite:	Dual Enrollment Eligible	Collegiate High School 9 th Grade	No EOC	
<p>This course provides an overview of career development theories and decision-making skills for career/life planning. It focuses on self-assessment, choosing a major, exploring career options and developing an action plan to help achieve career goals. The course engages students in the use of critical thinking skills in evaluating their interests, values, skills, and personality in order to understand how personal characteristics influence career choices. There will be strong emphasis on the development of oral and written communication skills as essential competencies for any future careers.</p>				

Career and Technical Education (CTE)

Agritechnology and Animal Science and Services (AG)

Course Sequence:

Year 1 – Agriscience Foundations 1

Year 2 – Agritechnology 1 AND/OR Animal Science and Services 2 OR Veterinary Assisting 1

Year 3 – Agritechnology 2 AND/OR Animal Science and Services 3

Year 4 – Animal Science and Services 4 AND/OR Animal Science and Services 5

* Agriculture, Food, & Natural Resources Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) Agriculture classes.

8106810	Agriscience Foundations 1	1 Credit	EQ	Grade: 9-12
Pre-requisite:	None		No EOC	FBF (GSV)
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.				
8106820	Agritechnology 1	1 Credit	Elective	Grade: 9-12
Pre-requisite:	Agriscience Foundations 1		No EOC	FBF (GSV)
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.				
8106830	Agritechnology 2	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Agritechnology 1		No EOC	FBF (GSV)
The course is designed to continue developing 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.				
8106210	Animal Science and Services 2	1 Credit	Elective	Grade: 9-12
Pre-requisite:	Agriscience Foundations 1		No EOC	FBF (GSV)
This course is designed to develop competencies in the areas of safety; animal behavior; animal welfare; animal control; and employability skills.				
8106220	Animal Science and Services 3	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Animal Science and Services 2		No EOC	FBF (GSV)
This course is designed to develop competencies in the areas of animal digestive systems; animal breeding; preventive medicine and disease control; control of parasites; animal marketing; and analyzing records				
8100100	Agriculture, Food & Natural Resources Education Directed Study	1 Credit	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide 12 th 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.				

8100410	Agriculture, Food, and Natural Resources Cooperative Education – OJT	Up to 2 Credits	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
<p>The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.</p> <p>The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.</p>				

Administrative Office Specialist - Business

Course Sequence:

Year 1 – Digital Information Technology

Year 2 – Administrative Office Technology 1

Year 3 – Business Software Applications 1

Year 4 – Digital Design 1 OR Business Education Directed Study (Must be a program completer)

* Business Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) business classes.

8207310	Digital Information Technology	1 Credit	PA	Grade: 9-12
Pre-requisite:	None		No EOC	FBF (GSV)
<p>This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information based society. Digital Information Technology includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards. After successful completion of this core course, students will have met Occupational Completion Point A, Information Technology Assistant - SOC Code 15-1151.</p>				
8212110	Administrative Office Technology 1	1 Credit	Elective	Grade: 9-12
Pre-requisite:	Digital Information Technology		No EOC	FBF (GSV)
<p>This course is designed to be the 2nd 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.</p>				
8212120	Business Software Applications 1	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Administrative Office Technology 1		No EOC	FBF (GSV)
<p>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, Power Point, and Publisher. Also, Microtype Pro 4 and Keychamp are used to improve speed and accuracy.</p>				

8209510	Digital Design 1	1 Credit	PA	Grade: 11-12
Pre-requisite:	Business Software Applications 1		No EOC	FBF (GSV)
Students will perform layout, design and measurement activities with the use of MS Publisher, PowerPoint, Print Shop 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, and 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.				
8209520	Digital Design 2	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Digital Design 1		No EOC	FBF (GSV)
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, Power Point, Print Shop 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.				
8200100	Business Education Directed Study	1 Credit	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Business Management and Administration cluster(s) that will enhance opportunities for employment in the career field chosen by the student.				
8200410	Business Cooperative Education – OJT	Up to 2 Credits	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed. The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.				

Accounting Applications - Vystar

Course Sequence:

***Digital Information Technology is a pre-requisite for this program – It may be taken concurrently**

Year 1 – Accounting Applications 1

Year 2 – Accounting Applications 2

Year 3 – Accounting Applications 3

* Business Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) program classes (Digital Information Technology, Accounting Applications 1 and Accounting Applications 2).

8203310	Accounting Applications 1	1 Credit	Elective	Grade: 10-12
Pre-requisite:	By Application ONLY		No EOC	FBF (GSV)
This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required.				

8203320	Accounting Applications 2	1 Credit	PA	Grade: 11-12
Pre-requisite:	By Application ONLY		No EOC	FBF (GSV)
This course is designed to continue the study of accounting principles. The content includes voucher systems, cash receipts, petty cash, payroll records, and internal control systems. The use of computers is required.				
8203320	Accounting Applications 3	1 Credit	PA	Grade: 11-12
Pre-requisite:	By Application ONLY		No EOC	FBF (GSV)
This course is designed to continue the study of accounting principles and applies those principles to various entities. The content includes methods for determining the cost of merchandise inventory, general ledger account analysis, and the aging process. The use of computers is required.				

CULINARY ARTS

Course Sequence:

Year 1 – Culinary Arts 1

Year 2 – Culinary Arts 2 AND Culinary Arts 3 (blocked)

Year 3 – Culinary Arts 4 AND Culinary & Hospitality Specialties 1 (blocked)

Year 4 – Culinary & Hospitality Specialties 2 AND Hospitality and Tourism Directed Study (blocked)

* Hospitality and Tourism Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) Culinary Arts classes.

8800510	Culinary Arts 1	1 Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	FBF (GSV)
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.				
8800520	Culinary Arts 2	1 Credit	PA	Grade: 10-12
Pre-requisite:	Culinary Arts 1		No EOC	FBF (GSV)
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.				
8800530	Culinary Arts 3	1 Credit	PA	Grade: 10-12
Pre-requisite:	Culinary Arts 2		No EOC	FBF (GSV)
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, 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.				
8800540	Culinary Arts 4	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Culinary Arts 3		No EOC	FBF (GSV)
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, 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.				

8800610	Culinary & Hospitality Specialties 1	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Culinary Arts 4 and Teacher Approval		No EOC	FBF (GSV)
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.				
8800620	Culinary & Hospitality Specialties 2	1 Credit	Elective	Grade: 12
Pre-requisite:	Culinary & Hospitality Specialties 1 and Teacher Approval		No EOC	FBF (GSV)
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.				
8801000	Hospitality and Tourism Directed Study	1 Credit	Elective	Grade: 12
Pre-requisite:	Culinary & Hospitality Specialties 1 and Teacher Approval		No EOC	FBF (GSV)
The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Hospitality & Tourism cluster that will enhance opportunities for employment in the career field chosen by the student.				
8800420	Hospitality and Tourism Cooperative Education - OJT	Up to 2 Credits	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed. The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.				

Health Sciences

Course Sequence:

Year 1 – Health Science Foundations

Year 2 – Health Science Anatomy & Physiology

Year 3 – Allied Health Assisting AND Guided Workplace Learning (blocked)

Year 4 – EKG 3 (1) AND Home Health Aide 3 (½) AND Guided Workplace Learning (½) (blocked)

* Health Science Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) Health Science classes.

8417110	Health Science Foundations	1 Credit	Elective	Grade: 9-12
Pre-requisite:	None	Honors Level	No EOC	FBF (GSV)
This course is part of the Secondary Health Core designed to provide the student with an in depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem solving skills. Students will also learn first aid skills, CPR skills and demonstrate the measurement of vital signs. This is the first course in the Health Science program.				
8417100	Health Science Anatomy & Physiology	1 Credit	EQ	Grade: 10-12
Pre-requisite:	Teacher approval, Health Science Foundations, and Biology 1 (can be taken concurrently)	Honors Level	No EOC	FBF (GSV)
This course is part of the secondary Health Core consisting of a study of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease. Medical terminology is an integral part of the course.				

8417131	Allied Health Assisting 3	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Health Science Foundations and Health Science Anatomy & Physiology AND Teacher Approval	Blocked with Guided Workplace Learning	CMAA	FBF (GSV)
<p>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 clinical skills and 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, radiation, EKG, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, or dentistry may be included with instructor provided competencies. All students must successfully complete clinical rotations in 3 allied health areas.</p> <p>Students for this class are selected through an application process. Interested students need to pick up an application from one of the Health Science instructors approximately four weeks before Spring registration, complete all the required forms, and return them before the announced deadline. Students are required to purchase uniforms, present immunization record and pass a physical examination, drug screening, and complete CPR certification prior to their first clinical experience. This is the third class in the Health Science Education Program. Students will take the CMAA Industry Certification Exam at the end of this course.</p>				
8427130	Electrocardiograph Technician 3	1 Credit	Elective	Grade: 12
Pre-requisite:	Health Science Foundations and Health Science Anatomy & Physiology AND Teacher Approval	Blocked with Guided Workplace Learning and Home Health Aide 3	No EOC	FBF (GSV)
<p>This course prepares students to be employed as Electrocardiograph Technicians. Content includes, but is not limited to, a foundation in the cardiovascular system, safety measures for the individual, co-workers and patients as well we training in the appropriate theories and instruments used by an Electrocardiograph Technicians. Students will take the Certified EKG Technician Industry Certification Exam at the end of this course.</p>				
8417191	Home Health Aide 3	½ Credit	Elective	Grade: 12
Pre-requisite:	Health Science Foundations and Health Science Anatomy & Physiology AND Teacher Approval	Blocked with Guided Workplace Learning and Electrocardiograph Technician 3	No EOC	FBF (GSV)
<p>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 EKG Aide 3.</p>				
8300430	Guided Workplace Learning	1 Credit	Elective	Grade: 12
Pre-requisite:	Health Science Foundations and Health Science Anatomy & Physiology AND Teacher Approval	Blocked with Allied Health Assisting OR EKG Tech. 3 and Home Health Aide 3	No EOC	FBF (GSV)
<p>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 3rd course in a vocational program here at PHS.</p>				
8400100	Health Science Education Directed Study	1 Credit	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
<p>The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Health Science cluster that will enhance opportunities for employment in the career field chosen by the student.</p>				

8400410	Health Science Cooperative Education - OJT	Up to 2 Credits	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
<p>The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed.</p> <p>The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.</p>				

Automotive Maintenance and Light Repair

Course Sequence:

Year 1 – Automotive Maintenance and Light Repair 1

Year 2 – Automotive Maintenance and Light Repair 2 and 3

Year 3 – Automotive Maintenance and Light Repair 4 and 5

Year 4 – Automotive Maintenance and Light Repair 6 and Transportation, Distribution and Logistics

Directed Study

* Transportation, Distribution and Logistics Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) Automotive classes.

9504110	Automotive Maintenance and Light Repair 1	1 Credit	Elective	Grade: 9-12
Pre-requisite:	None		No EOC	FBF (GSV)
<p>The Automotive Maintenance and Light Repair 1 course prepare students for entry into Automotive Maintenance and Light Repair 2. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.</p>				
9504120	Automotive Maintenance and Light Repair 2	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Automotive Maintenance and Light Repair 1	Blocked with Automotive Maintenance and Light Repair 3	No EOC	FBF (GSV)
<p>The Automotive Maintenance and Light Repair 2 course prepare students for entry into Automotive Maintenance and Light Repair 3. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Content emphasizes beginning transportation service skills and workplace success skills.</p>				
9504130	Automotive Maintenance and Light Repair 3	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Automotive Maintenance and Light Repair 1 and 2	Blocked with Automotive Maintenance and Light Repair 2	No EOC	FBF (GSV)
<p>The Automotive Maintenance and Light Repair 3 course prepare students for entry into Automotive Maintenance and Light Repair 4. Students study and service suspension and steering systems, and brake systems. Content emphasizes beginning transportation service skills and workplace success skills.</p>				

9504140	Automotive Maintenance and Light Repair 4	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Automotive Maintenance and Light Repair 1, 2, and 3	Blocked with Automotive Maintenance and Light Repair 5	No EOC	FBF (GSV)
The Automotive Maintenance and Light Repair IV prepare students for entry into the automotive workforce or into post-secondary training. Student's study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, as well as practice workplace soft skills.				
9504150	Automotive Maintenance and Light Repair 5	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Automotive Maintenance and Light Repair 1, 2, 3 and 4	Blocked with Automotive Maintenance and Light Repair 4	No EOC	FBF (GSV)
The Automotive Maintenance and Light Repair 5 prepare students for entry into the automotive workforce or into post-secondary training. Student's study and service automotive engine repair, electrical/electronic systems, suspension and steering systems, brakes as well as practice workplace soft skills.				
9504150	Automotive Maintenance and Light Repair 6	1 Credit	Elective	Grade: 12
Pre-requisite:	Automotive Maintenance and Light Repair 1, 2, 3, 4 and 5	Blocked with Transportation, Distribution and Logistics Directed Study	No EOC	FBF (GSV)
The Automotive Maintenance and Light Repair 6 prepare students for entry into the automotive workforce or into post-secondary training. Student's study and service automotive heating and air conditioning, engine performance, automatic transmission/transaxles, manual drive train and axles, as well as practice workplace soft skills.				
9501000	Transportation, Distribution and Logistics Directed Study	1 Credit	Elective	Grade: 12
Pre-requisite:	Automotive Maintenance and Light Repair 1, 2, 3, 4, 5 and 6	Blocked with Automotive Maintenance and Light Repair 6	No EOC	FBF (GSV)
The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Transportation, Distribution and Logistics cluster(s) that will enhance opportunities for employment in the career field chosen by the student.				
9500420	Transportation, Distribution and Logistics Cooperative Education - OJT	Up to 2 Credits	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed. The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.				

Welding Technology Fundamentals

Course Sequence:

Year 1 – Welding Technology Fundamentals 1

Year 2 – Welding Technology Fundamentals 2 and 3 (blocked)

Year 3 – Welding Technology Fundamentals 4 and Capstone (blocked)

Year 4 – Manufacturing Directed Study (and possible OJT)

* Manufacturing Cooperative Education – OJT may only be taken in the Senior Year AND after successful completion of three (3) Welding classes.

9204410	Welding Technology Fundamentals 1	1 Credit	PA	Grade: 9-12
Pre-requisite:	None		No EOC	FBF (GSV)
The Welding Technology Fundamentals 1 course prepares students for entry into the welding industry. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study workplace safety and organization, basic manufacturing processes, metals identification, basic interpretation of welding symbols, and oxyfuel gas cutting practices. Students demonstrate learned skills by creating and producing a finished product.				
9204420	Welding Technology Fundamentals 2	1 Credit	PA	Grade: 10-12
Pre-requisite:	Welding Technology Fundamentals 1	Blocked with Welding Technology Fundamentals 3	No EOC	FBF (GSV)
The Welding Technology Fundamentals 2 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1 for entry into the welding industry. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study drawings and welding symbols, intermediate oxyfuel gas cutting practices, plasma arc cutting principles, and basic shielded metal arc welding (SMAW). Students demonstrate learned skills by creating and producing a finished product.				
9204430	Welding Technology Fundamentals 3	1 Credit	PA	Grade: 10-12
Pre-requisite:	Welding Technology Fundamentals 1 and 2	Blocked with Welding Technology Fundamentals 2	No EOC	FBF (GSV)
The Welding Technology Fundamentals 3 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1 and 2 for entry into the welding industry. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study basic shielded metal arc welding (SMAW), Carbon Arc Gouging (GAC) principles, and visual examination skills. Students demonstrate learned skills by creating and producing a finished product.				
9204440	Welding Technology Fundamentals 4	1 Credit	PA	Grade: 11-12
Pre-requisite:	Welding Technology Fundamentals 1, 2, and 3	Blocked with Welding Technology Fundamentals Capstone	No EOC	FBF (GSV)
The Welding Technology Fundamentals 4 course is designed to build on the skills and knowledge students learned in Welding Technology Fundamentals 1, 2, and 3 for entry into the welding industry. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study employability and welding careers, and intermediate shielded metal arc welding (SMAW). Students demonstrate learned skills by creating and producing a finished product.				
9204450	Welding Technology Fundamentals Capstone	1 Credit	Elective	Grade: 12
Pre-requisite:	Welding Technology Fundamentals 1, 2, and 3	Blocked with Welding Technology Fundamentals Capstone	No EOC	FBF (GSV)
This course provides students with extended content and skills essential to the planning, design, creation, and presentation of a welding capstone project.				

9201000	Manufacturing Directed Study	1 Credit	Elective	Grade: 12
Pre-requisite:	Welding Technology Fundamentals 1, 2, 3, 4 and Capstone		No EOC	FBF (GSV)
The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the manufacturing cluster that will enhance opportunities for employment in the career field chosen by the student.				
9200420	Manufacturing Cooperative Education - OJT	Up to 2 Credits	Elective	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed. The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.				

Digital Photography Technology

Course Sequence:

Year 1 – Digital Photography 1

Year 2 – Digital Photography 2

Year 3 – Digital Photography 3

Year 4 – Digital Photography 4

* Arts, A/V Technology and Communication Cooperative Education - OJT may only be taken in the Senior Year AND after successful completion of three (3) Digital Photography classes.

8201310	Digital Photography 1	1 Credit	PA	Grade: 9-12
Pre-requisite:	None		No EOC	FBF (GSV)
This course combines the strengths of today's digital cameras for capturing still images with software applications such as Adobe Photoshop, Pixar, and a variety of photo editing programs. Employment opportunities after completion of this program range from working as still photographers to working as photo editors. Subjects also included in this program are the creation of High Dynamic Range (HDR) images, the understanding of intellectual property rights, workflow and creative direction. This course covers the history of photography, ethical decisions in photography, with a capstone project of submitting photos for judging and awards. Industry Certification in Adobe Photoshop is emphasized.				
8201320	Digital Photography 2	1 Credit	Elective	Grade: 10-12
Pre-requisite:	Digital Photography 1		No EOC	FBF (GSV)
In this course students delve further into intellectual property rights, setting up a portfolio, understanding and designing personal artist releases, advanced subject posing, and concentrating on each students' personal portfolio goals and how to successfully photograph in their chosen subject area. This course features a capstone project of submitting photos for judging and awards. Industry Certification in Adobe Photoshop is emphasized.				
8201330	Digital Photography 3	1 Credit	PA	Grade: 11-12
Pre-requisite:	Digital Photography 3		No EOC	FBF (GSV)
This course covers competencies in photo editing software, photographic lights, sets and photo processing.				
8201340	Digital Photography 4	1 Credit	PA	Grade: 12
Pre-requisite:	Digital Photography 4		No EOC	FBF (GSV)
This course covers competencies in photo/video journalism and digital single-lens reflex (DSLR) video production.				

8200400	Arts, A/V Technology and Communication Directed Study	1 Credit	PA	Grade: 11-12
Pre-requisite:	Digital Photography 1, 2, 3, and 4		No EOC	FBF (GSV)
The purpose of this course is to provide students with learning opportunities in a prescribed program of study within the Arts, A/V Technology and Communication cluster that will enhance opportunities for employment in the career field chosen by the student.				
8200430	Arts, A/V Technology and Communication Cooperative Education - OJT	1 Credit	PA	Grade: 12
Pre-requisite:	Program Completer (3 course sequence)		No EOC	FBF (GSV)
The purpose of this course is to provide the on-the-job training component when the cooperative method of instruction is appropriate. Whenever the cooperative method is offered, the following is required for each student: a training agreement; a training plan signed by the student, teacher and employer, including instructional objectives; a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks which are relevant to the occupation which the student has chosen as a career goal; and a site supervisor with a working knowledge of the selected occupation. The workstation may be in an industry setting or in a virtual learning environment. The student must be compensated for work performed. The teacher/coordinator must meet with the site supervisor a minimum of once during each grading period for the purpose of evaluating the student's progress in attaining the competencies listed in the training plan.				

Advanced Manufacturing Technology

Course Sequence (subject to change):

Year 1 – Advanced Manufacturing Technology 1

Year 2 – Advanced Manufacturing Technology 2 and 3

Year 3 – Advanced Manufacturing Technology 4 and Capstone

Year 4 – Manufacturing Directed Study

* Manufacturing Cooperative Education - OJT may only be taken in the Senior Year AND after successful completion of three (3) Industrial Machinery Maintenance classes.

9200210	Advanced Manufacturing Technology 1	1 Credit	Elective	Grade: 10-11
Pre-requisite:	None		No EOC	FBF (GSV)
The Advanced Manufacturing Technology 1 course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students gain an understanding of technology and the concept of Design for Manufacturing, study workplace safety and workplace organization, workplace communication skills, and basic machine operation.				
9200220	Advanced Manufacturing Technology 2	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Advanced Manufacturing Technology 1		No EOC	FBF (GSV)
The Advanced Manufacturing Technology 2 course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students study how to accurately read and interpret blueprints and schematics; graphic design and computer-aided drawing; quality assurance methods and quality control concepts; use of precision measurement tools and instruments; and understanding modern business practices.				

9200230	Advanced Manufacturing Technology 3	1 Credit	Elective	Grade: 11-12
Pre-requisite:	Advanced Manufacturing Technology 2		No EOC	FBF (GSV)
The Advanced Manufacturing Technology 3 course prepares students for entry into the advanced manufacturing industry. Content emphasizes beginning skills key to the success of working in the manufacturing industry. Students study how to select production processes; computer-aided manufacturing and flexible manufacturing planning; produce a product via a master project; manual milling machines, computer-numeric-control machines, and welding systems; and robotic systems used in manufacturing.				

Diversified Career Technology

The DCT program does not qualify as a Gold Seal Scholarship program.

Course Sequence:

12th Grade – Diversified Career Technology Principles AND Diversified Career Technology - OJT (up to 3 periods). **DCT Principles is taught on campus at PHS; DCT-OJT is the off campus work component.**

8303010	Diversified Career Technology Principles	1 Credit	Elective	Grade: 12
Pre-requisite:	None		No EOC	
This course is designed to enable each student to demonstrate employability skills; environmental, health, and safety skills; professional, legal, and ethical responsibilities; financial skills; leadership skills; communication skills; human resources and labor skills; America's economic principles; entrepreneurship principles; relate planning methods to life and career goals; and use of industry/technology principles in the workplace. A first occupational completion point will be met upon completion of DCT Principles and one credit of DCT OJT.				
8300410	Diversified Career Technology – OJT	Up to 3 Credits	Elective	Grade: 12
Co-requisite:	Must be taken concurrently with 8303010 Diversified Career Technology Principles		No EOC	
This course is designed to enable each student to demonstrate competencies in a specific career and to demonstrate legal and ethical behavior within the role and scope of job responsibilities through a realistic, on-the-job training experience. An individualized training plan is developed and utilized to ensure that training is provided which will develop the necessary competencies/skills in order for the student to become competent in the occupation for which he/she is being trained. The training plan is the "curriculum" for the on-the-job training and the time card is the attendance record. A first Occupational Completion Point will be met upon completion of DCT Principles and DCT OJT. Students must have access to their own transportation.				

Project Lead the Way – Biomedical (Program is being discontinued after 2019)

8708140	Biomedical Innovation	1 Credit	Elective	Grade: 12
Pre-requisite:	Medical Interventions	Honors Level	No EOC	
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 st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health.				

Appendix A

NCAA Division 1 Eligibility Plan

The NCAA requires sixteen core courses and a minimum GPA of 2.3 in those courses to be eligible to play Division 1 sports. The student's grades in those classes combined with test scores on the ACT or SAT are put into a formula to determine eligibility (students need to earn high grades to qualify) Palatka High School has established a plan to help our students meet those requirements for recruiting purposes. Please refer to Palatka High School's list of core courses located at:

<https://web3.ncaa.org/hsportal/exec/hsAction?hsActionSubmit=searchHighSchool>

Year 1

Complete 4-5 Core Courses:

- English
- Math
- Science
- Foreign Language
- Social Studies Elective (optional)

Year 2

Complete 5 Core Courses:

- English
- Math
- Science
- Social Studies
- Foreign Language

Year 3

Complete 5 Core Courses

- English
- Math
- Science
- Social Studies
- Core Elective (Foreign Language, Social Studies Elective, or Science Elective)

Year 4

Complete 1-2 Core Courses

- English
- Additional Core Course (United States Government and Economics with Financial Literacy)

If you don't have the core GPA, the test scores or the right core courses in high school, you don't play in college. Don't let academics hold you back. Check out 2point3.org

Testing

Take the ACT or SAT and use the code "9999" to have your official scores sent directly to the NCAA Eligibility Center each time you register to take the test. Division 1 uses a sliding scale to match test scores and core-course grade-point averages to determine eligibility. Please refer to 2point3.org for the sliding scale. We recommend that students take the ACT or SAT by the end of their sophomore year.

Note: The following courses DO NOT count as "Core" Courses:
 Liberal Arts Mathematics, Financial Algebra

Appendix B

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 2018-2019**
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.