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# LAKEWOOD HIGH SCHOOL

## CURRICULUM GUIDE 2023-2024

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Saint Petersburg, FL 33705

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[www.pcsb.org/lakewood-hs](http://www.pcsb.org/lakewood-hs)

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## PRINCIPAL'S WELCOME

Welcome to Lakewood High School, home of the Mighty Spartans! At Lakewood High School our Mission is to create and nurture a foundation for learning and academic success where students take pride in their accomplishments and develop character traits, which have a positive impact on their education experience. Administration, Teachers and Staff strive hard to close the Opportunity Gap by preparing all students for College, Career and life with the goal of securing their success in our ever-expanding Global society.

Lakewood High School is nestled in the furthest end of the blossoming Marina District in St. Petersburg. The smallest of 16 high schools I frequently refer to our school as the Gem of Pinellas County. We serve with pride students from South St. Petersburg as well as across the District who travel to proclaim a space in one of our three Magnet/Career Programs. In our 54<sup>th</sup> year, excellence is emphasized in our academic programs, athletics and student life.

Our **Center for Advanced Technologies (CAT)** is the premier STEM Magnet in Pinellas county, offering more Industry Certifications than any other school each year. Because students can choose from Cyber Security, Digital Media, Network Administration, and Programming **CAT** the hub for all things Technology. **The Academy for Aquatic Management Systems and Environmental Technology (AMSET)** program inspire students who have a strong interest in the areas of Aquaculture and Environmental Resources to make a difference in our school and surrounding community. Check out Lakewood's *Spartan News Network*, and integral part of our **Center for Journalism and Multimedia (CJAM)** where our student journalist makes their stories come alive through photography and the written word. In our **Athletic Lifestyle Management Academy (ALMA)** students who have an interest in health and wellness, diagnosis and the treatment of injuries and disease can earn a certificate in Athletic Training as a segue two or four College or University.

Throughout their four years of high school, our students matriculate through a rigorous track of college preparatory opportunities across all subject areas that accentuates the college-going community built in the **Advancement Via Individual Determination (AVID)** program. By blending **AVID** with Spartan Strong Characteristics, my goal is to see every student reach their full potential while making an impact in this world.

Cordially,  
Connisheia Garcia  
Principal  
Lakewood High School

## ADMINISTRATION

Name	Position	Email	Phone Extension
Mrs. Connisheia Garcia	Principal	garciaco@pcsb.org	2005
Mr. Lukas Hefty	Assistant Principal, CAT	heftyl@pcsb.org	2420
Ms. Keri Gartland	Assistant Principal	gartlandk@pcsb.org	2016
Mr. Peter Retsos	Assistant Principal	retsosp@pcsb.org	2015
Mr. Joseph Serra III	Assistant Principal	serraiij@pcsb.org	2014

## GRADUATION AND GRADING POLICIES

### GRADUATION REQUIREMENTS

Minimum Graduation Requirements - 4-year, 24 credit diploma		
Total Credits	24 credits	
English	4 credits	Students must take (one credit each) English I, II, III, and IV or their equivalents.
Mathematics	4 credits	Students must earn credit in algebra I, geometry, and two additional courses
Science	3 credits	Biology and two other lab courses
Social Studies	3 credits	American Government - 1/2 credit; World History - 1 credit; American History - 1 credit; Economics - 1/2 credit
Physical Education/Health	1 credit	Students must take one credit in physical education with integrated health (HOPE) to meet this requirement.
Fine Arts	1 credit	
Cumulative Grade Point Average	2.0	
State Assessment	Proficiency score on FSA ELA and FSA Algebra EOC	Several opportunities exist for students to earn concordant scores through the PSAT, SAT, and ACT.

Students wishing to enter a state-supported university as a freshman must earn two or more sequential credits in a world language. In addition, students need to complete two years of a world language for consideration for Bright Future Scholarships.

## PROMOTION POLICY

A student's grade level in high school is based on the number of years of high school complete as well as the number and type of credits earned.

- ❖ To become a sophomore, the student must complete 1 year of high school and earn 6 credits required for graduation
- ❖ To become a junior, the student must complete 2 years of high school and earn 12 credits required for graduation
- ❖ To become a senior, the student must complete 3 years of high school and earn 17 credits. These 17 credits must include at least 3 English credits, 3 Math credits, 2 Science credits, and 2 Social Studies credits.
- ❖ Students can be promoted once the correct number of credits has been earned. Numerous opportunities for credit recovery are available throughout the year. Contact your School Counselor for more information.

## GRADING SCALE

The following point scale will apply to all high schools, as well as to middle school students enrolled in high school courses for credit toward graduation:

A	4 grade points	90 – 100%
B	3 grade points	80 – 89%
C	2 grade points	70 – 79%
D	1 grade point	60 – 69%
F	0 grade points	0 – 59%

## CALCULATING FINAL GRADES

The final semester grade is determined by averaging each nine-week period by 37.5% and the exam grade of 25%.

$$Q1 (37.5\%) + Q2 (37.5\%) + \text{Exam} (25\%) = \text{Semester Grade 1}$$

$$Q3 (37.5\%) + Q4 (37.5\%) + \text{Exam} (25\%) = \text{Semester Grade 2}$$

For Algebra 1, Biology, Geometry, and US History, the semester grade is calculated by the following,

$$Q1 (37.5\%) + Q2 (37.5\%) + \text{Exam} (25\%) = \text{Semester Grade 1}$$

$$Q3 (50\%) + Q4 (50\%) = \text{Semester Grade 2}$$

$$S1 (35\%) + S2 (35\%) + \text{EOC Exam} (30\%) = \text{Full Year Grade}$$

## WEIGHTED GRADE POINT AVERAGE

Grades are assigned the following point values only when determining class ranking and for averages for Summa Cum Laude, Magna Cum Laude, Cum Laude status, Valedictorian, Salutatorian, and the National Honor Society:

	A	B	C	D	F
Advanced Placement & Dual Enrollment	5	4	3	1	0
Honors	4.5	3.5	2.5	1	0
Regular	4	3	2	1	0

Class Rank: Class rank will be computed based on all courses taken for high school credit through the first semester of the 12th grade year.

## HONORS STATUS

Students must earn the following cumulative weighted grade point averages (not rounded) to qualify for honors status. High school seniors who become eligible for an honors status during the second semester of their senior year shall have their seals mailed to them.

- Summa Cum Laude - GPA greater than 4.0
- Magna Cum Laude - GPA greater than or equal to 3.80 but less than or equal to 4.0
- Cum Laude - GPA greater than or equal to 3.50 but less than or equal to 3.79
- With Distinction - GPA greater than or equal to 3.25 but less than or equal to 3.49

## EXAM REQUIREMENTS (SCHOOL BOARD POLICY 5420.03)

- Final examinations shall be required in the following courses: art, music, social studies, science, language arts and reading, math, world languages, physical education, driver's education, health education and vocational.
- All students shall take final examinations in those courses for which such examinations are required. An Advanced Placement or International Baccalaureate exam may be taken in lieu of a teacher developed final exam in those designated courses. In such case, the student must still attend his or her regular subject area classes for structured activities and/or projects until the end of the grading period.
- In the event a student is unable to take an examination at the given time because of a legitimate absence through illness or some other serious reason, the student shall be given an opportunity to make up the examination without penalty.
- In the event a student is under suspension during such an examination period, the principal shall provide for the student's taking of the examination either at the given time or through some special arrangement, at the discretion of the teacher and principal.

## EXAM EXEMPTIONS

With the following enumerated exceptions, students who have a course grade of "A" or "B" in the 1st and 2nd six weeks and have a provisional course grade of "A" or "B" in the 3rd six weeks are not required to take the final in that course. Except for second semester seniors, this provision shall apply to no more than three courses each semester. The provisional 3rd six weeks grade will be based on the grades earned for the first four weeks of the third grading period. The student must maintain the "A" or "B" grade through the remainder of the 3rd six weeks.

### Notes:

- The student is enrolled in the same course during two (2) terms of the same school year. In such cases, the student is required to take at least one (1) final exam in that course.
- The student has been enrolled in a District public high school for less than the entire term. In such cases, the student is required to take all exams.
- The student has five (5) or more absences per semester in any class. If so, the student is required to take the final exam in all classes. For purposes of this policy a student who is not present in class at least one half of the class period shall be counted absent. Preapproved absences for school sponsored activities, religious holidays, and college/post-secondary visitation shall not be counted in calculating the five (5) or more absences specified above. Absences for college/post-secondary visitation are limited to three (3) days per year for seniors and one (1) day per year for juniors.
- The final exam is a State-required End of Course (EOC) exam.

## EARLY EXAMS

- Per school board policy, early exams are only administered for students leaving the school district before the scheduled exam dates, or for students experiencing extreme hardship. Early exams are not given for students who, for example, are taking a family vacation during exam week.
- No early exams shall be administered prior to the last twelve (12) school days of each semester.
- Students shall pay a reasonable fee per examination as established by the Superintendent.
- Early examinations shall not be given during regular school hours. Early examinations may be administered after school hours and on weekends.
- In courses where the teacher chooses to give an oral/participation examination the exam shall be administered by that teacher.

## VALEDICTORIAN AND SALUTATORIAN IDENTIFICATION

Each high school will identify a Valedictorian and Salutatorian based on class rank (see policy 5.15 (7) (a)) and students who qualify for summa cum laude, magna cum laude or cum laude status based upon the cumulative weighted grade point average as determined within this policy. For the purpose of determining the Valedictorian and Salutatorian a graduating 12th grader may drop high school credit courses taken in middle school or outside the regular school day in grades 9-12 from the calculation if the courses are not needed for graduation. Such selection does not provide that the students will address the graduating class. The choice of graduation speaker shall be made at the discretion of the principal. Students graduating with 18 credits in the accelerated graduation option are not eligible for Valedictorian or Salutatorian. Also, students enrolling in any specialty program with special program requirements may not have room in their schedule to guarantee enough quality point electives to qualify for Valedictorian or Salutatorian status.

## COLLEGE ADMISSIONS

The Florida Board of Regents has established minimum state level admissions policies for new college students and for students transferring without having AA degrees from Florida community colleges. These policies include a list of required high school academic courses considered to be the best preparation for entry into college. These requirements are minimum state standards that apply to all 11 public universities in Florida. Beyond these state standards, each public university may establish higher or additional criteria for admission.

Admission into Florida's state universities is controlled and competitive. The degree of competition will vary from institution to institution, depending on the number and qualifications of those who apply for admission. The competition is greatest for the fall semester because of the large number of applicants for that term. Because of the competitive nature of the admissions process, high school students should try to exceed the minimum requirements in order to increase their chances of admission.

**A State University System freshman applicant typically must meet the following minimum requirements:**

- A high school diploma
- Minimum test scores on the SAT or ACT
- A "B" or better average (3.0 on a 4.0 scale) in the following required academic subjects (additional weight will be assigned to grades in Honors and/or Advanced Placement courses):
  - Four credits in English, three of which must have included substantial writing requirement.
  - Four credits in Mathematics all of which must be at Algebra I and above (Liberal Arts Math does not count).
  - Three credits in Natural Science, two of which must have included a substantial laboratory requirement.
  - Three credits in Social Studies.
  - Two credits in Foreign Language, both of which must be in the same language.
  - Four credits in additional approved electives.

Electives should be approved courses in any of the five subject areas listed above. Students intending to apply to college, however, are strongly advised to take at least four units in each of the five core subject areas.

A student who has less than the required 3.0 average must present a combination of grade point average and SAT or ACT, scores as outlined in a scale, as approved by the State Board of Regents. Please see your counselor for further details.

## EARLY COLLEGE AND EARLY ADMISSION PROGRAMS

The Early College and Early Admissions Program is a partnership between St. Petersburg College (SPC) and Pinellas County Schools (PCS) that offers new and innovative options for high school students. Students entering grades 11 and 12 in PCS, as well as private and home-schooled students, who meet dual enrollment eligibility standards and reside in Pinellas County, will have the opportunity to apply for the Early College/Early Admission Program. Private and home-schooled students will be required to enroll in a public high school to participate. Students will remain dual-enrolled in their home high schools (allowing them to participate in all extracurricular activities) and in classes at SPC. More information can be found at <https://www.spcollege.edu/future-students/admissions/high-school-programs>.



## EARLY ADMISSIONS

A high school student may enter St Petersburg College, the University of Florida, or the University of South Florida Honors Programs after the 11th grade provided that certain requirements have been satisfied. College application fees and tuition are waived by the college and textbooks are paid for by the school district. This program requires that students spend their senior year as a full-time SPC student, completing high school graduation requirements while working toward their college AA degree.

In order to be eligible for early admission to college students must:

- have completed three full years of high school;
- have a cumulative grade point average of 3.0 on a 4.0 scale;
- have met the minimum level of performance for high school graduation on the FSA;
- have earned an acceptable score on the college placement test;
- have obtained the signature of the high school principal on the application for Early Admission to college; and
- meet the college application deadline.

## TALENTED TWENTY

Graduates from Florida public high schools who rank in the top 20% of their class and who have completed the required 19 units of core courses shall be admitted into one of the eleven state universities, although not necessarily the university of the applicant's choice. After three notifications of denial, other universities will provide complimentary reviews of the transcripts of the Talented Twenty applicants at the request of the high school counselor. Once any university accepts the student, the guarantee for admissions has been considered met, even if the student does not wish to attend that particular university.



## TESTING

The following are key standardized tests administered at the school:

**Florida FAST Assessment:** Students in tenth grade must pass the English Languages Arts (ELA) FAST assessment to graduate. Students who do not pass the 10<sup>th</sup> grade FSA ELA will be placed in an intensive reading class until a passing score is obtained. A college-ready score on the ACT or SAT can be used to supplement passage on the FSA ELA. See your Guidance Counselor for more details.

**EOC:** Students entering 9<sup>th</sup> Grade in specified school years must take the following statewide, standardized EOCs (End-of-Exams):

- Algebra I beginning in 2010-2011 – **Must pass to graduate**
- Geometry beginning in 2011-2012
- Biology I beginning in 2011-2012
- US History beginning in 2011-2012

**ASVAB:** The ASVAB (Armed Services Vocational Aptitude Battery) is administered by the Armed Services in coordination with the guidance department. Minimum scores are required for entrance to various programs of the service branches. Non-military students may elect to take the ASVAB and receive valuable career interest and aptitudes information.

**PSAT/NMSQT:** The Preliminary SAT (PSAT) is a valuable tool for students. Pinellas County Schools pays for all 9<sup>th</sup> and 10<sup>th</sup> grade students to take the PSAT in order to evaluate the skills that each student has develop in critical reading, mathematics and writing based on nationally normed data. The PSAT is an effective way for students to start getting ready for the SAT and provides personalized feedback about their academic strengths and weaknesses, which leads to stronger preparation for life beyond high school and greater success in college and careers.

In addition to providing this test free of charge to all 9<sup>th</sup> and 10<sup>th</sup> grade students, we strongly encourage 11<sup>th</sup> grade students to pay the small fee to take the PSAT. This is the final opportunity to take the PSAT and it is the only year that the PSAT results are considered to qualify a student to be recognized as a National Merit Scholar, Hispanic Scholar, or Achievement Scholar. These three recognitions all award significant scholarships for eligible students who meet the criteria and complete the requirements. For more information, contact the PCS Advanced Studies office at (727) 588-6466.

**PERT:** The purpose of the PERT (Post-Secondary Readiness Test) is designed to measure entry-level skills in writing, reading and mathematics. State law mandates that state-supported institutions test their students' entry-level skills.

**ACT:** The ACT (American College Testing) is a college entrance exam offered six times a year. This four-part test includes timed sections on English, Social Studies, Science and Mathematics. Registration materials for the ACT are available in the guidance office and online at [www.actstudent.org](http://www.actstudent.org).

**SAT:** The SAT (Scholastic Assessment Test) is a college entrance exam offered seven times a year. It is composed of timed verbal and mathematical sections. The verbal section includes analogies, sentence completions and questions based on reading passages. The mathematical section includes algebra, geometry and reasoning. Registration materials for the SAT are available in the guidance office and online on [www.collegeboard.com](http://www.collegeboard.com).

**A.P. TEST:** Students in A.P. (Advanced Placement) classes are tested each year (usually in May) to determine whether college credit is awarded.

## STUDENT SERVICES

Name	Position	Email	Phone Extension
Ms. Marcia Thomas	Student Services Clerk	thomasm@pcsb.org	2304
Ms. Erika Dickerson	Social Worker	dickersone@pcsb.org	2070
Ms. Carlotta Woods	VE Specialist	woodsc@pcsb.org	2306
Ms. Megan Mercogliano	Psychologist	mercoglianom@pcsb.org	2402
Ms. Leslie Morrow	Counselor	heatlyc@pcsb.org	2060
Mr. Steven Schindler	Counselor	schindlers@pcsb.org	2061
	Counselor, CAT		2460

## GUIDANCE DEPARTMENT

Academic Advising is an integral part of the school setting. School counselors prepare students for the future by providing them with many opportunities to achieve individual success while enrolled in high school.

- Meeting graduation requirements
- College and university admissions procedures
- Academic tutoring
- Developing effective study skills
- Financial aid and scholarship information
- Dropout prevention services
- Exploring career choices
- Preparing leaders for the 21st century
- Interpretation of student testing and academic records

## REGISTERING FOR COURSES

Students will meet with their respective School Counselor to register for the following year's courses. Students may be placed in remedial courses based upon their previous years' academic performance. Courses are determined based upon feedback from students, parents, teachers, and their School Counselor. In addition, grades, GPA, and test scores are used to determine appropriate placement for the following year's courses.

When meeting with your counselor to plan your schedule, we kindly ask that you keep the following in mind:

- Registration begins during the second semester.
- Discuss course selections with your teachers and parents.
- Choose electives wisely when completing your registration form.

### **Schedule Corrections:**

Schedule corrections will be made for the following reasons:

- Course was not requested, nor selected as an alternate.
- Student does not meet requirements for course.
- Another course is required for graduation or college admission.
- Student already has credit for the course.

### **Corrections may not be made for the following reasons:**

- Change of mind about courses selected at registration.
- Personal opinion as to difficulty of the course.
- Desire to have a class at a more “convenient” time.
- Preference for a teacher.
- Concern that course will negatively affect GPA.

## **PLANNING FOR SUCCESS**

One of the most important things about applying for school is planning ahead. This timeline offers some ideas that can help prepare you for your future. Remember, it's never too early to start!

### **9th Grade**

- Plan all your high school courses with your career goal in mind using Future Plans.
- Keep in mind that your grades from 9th grade forward affect your overall high school GPA.
- Participate in school or community extracurricular activities.
- Discuss a college or post-secondary savings plan with your parents.
- Websites recommended to review are [floridashines.org](http://floridashines.org) and [connectedu.net](http://connectedu.net).
- Take the PSAT and sign up for Khan Academy.

### **10th Grade**

- Enroll in courses appropriate for your career goal.
- Start looking into general post-secondary opportunities, including prerequisite courses and GPA standards.
- Complete Future Plans.
- Continue involvement in volunteer activities and pursue leadership roles in them.
- Participate in summer programs or a job/internship that has relevance to your career choice.
- Continue to develop an educational savings plan and discuss college costs with your family.
- Take the PSAT and sign up for Khan Academy (if not completed in ninth grade).

### **11th Grade**

- Continue to take career prep and college prep courses.
- Work on maintaining a GPA that is 2.0 or higher for graduation purposes.
- Focus on your career goals and the training necessary to achieve them. Review your Future Plan.

- Make a list of the things important to you in a college (i.e. campus size, location, costs, on-campus housing, major, sports, etc.). Use the criteria to conduct school searches on the Web.
- Maintain and modify list of potential technical post-secondary colleges and universities.
- Attend college fairs, make appointments with visiting school reps, and discuss your options with family.
- Conduct an in-depth college or technical post-secondary school information search, including each school's application process and requirements, tuition, fees, room & board, activities, course offerings available, faculty, accreditation, and facilities.
- Narrow school choices to your top three to five schools and plan campus visits during the summer.
- Register and take the PSAT in October. Take the PERT, ACT and SAT.
- Register and take the ASVAB for valuable career information.

## 12th Grade

Review your credit check to make sure you have 17 credits before you start your senior year and, if not, sign up for night school, Pinellas Virtual, Florida Virtual School (FLVS), and/or the Extended Learning Program (ELP)!

- **MILITARY**
  - Take the ASVAB test.
  - Visit the Recruiters table during your lunch period when they are on campus.
  - Schedule a home visit.
  - Research the different military branches (Army, Navy, Air Force, Marines, National Guard, Army Reserve, Coast Guard).
  - Have a signed contract for special jobs as early as possible.
  - PTEC
  - Take ASVAB test to help identify areas of interest.
- **Trade School / Vocational**
  - Sign up for a PTC field trip.
  - Take the TABE test, each program has a cut-off score.
  - Complete an application for PTC.
  - Talk to a representative in the cafeteria on designated days.
  - Take the ACT and/or SAT for Bright Futures. PERT scores can be used for the Gold Seal Vocational Scholarship.
- **TWO-YEAR COMMUNITY COLLEGE**
  - Visit with a representative in the cafeteria on designated days.
  - Register for the next ACT or SAT or take the PERT at SPC if you have not already done so.
  - Best practice is to complete ALL applications by Thanksgiving. Do not wait for ACT or SAT scores!
  - Complete the Pinellas Education Foundation scholarship application.
  - Complete hours of pre-approved community service for the Bright Futures Scholarship (Bright Futures scholarships cannot be used for remedial courses.)
- **FOUR-YEAR UNIVERSITY**
  - Narrow down school application choices. You can use Florida Shines, [floridashines.org](http://floridashines.org).
  - Register for the SAT or ACT if you have not taken either one.
  - Communicate your plans with your counselor.
  - Best practice is to complete ALL applications by Thanksgiving. Do not wait for ACT or SAT scores!
  - Attend a College Night - SPC scheduled in October.
  - Attend the district's Financial Aid Workshop.
  - Complete FAFSA (Free Application for Federal Student Aid) as soon after October 1st as possible.
  - Complete the Pinellas Education Foundation online form and apply for all scholarships available.

- Request transcripts by completing a transcript request form. Transcripts are free; students can be charged \$2 for official copies. If you are applying to a private school, you will need to request an application directly from them and include an official transcript with your application packet.
- Complete hours of pre-approved community service for the Bright Futures Scholarship (Bright Futures scholarships cannot be used for remedial courses.)

Four (4) documented college visitation days will be allowed for students, beginning at the start of the junior year through the end of the senior year. Armed Forces and vocational school visitations will also fall under this provision. Absences for college/post-secondary visitation are limited to three (3) days per year for seniors and one (1) day per year for juniors.

## FLORIDA BRIGHT FUTURES SCHOLARSHIP

All students attending college or vocational school after graduation are encouraged to apply for scholarships. The Florida Bright Futures Scholarship is the premier scholarship for students enrolling in post-secondary school within the state of Florida. Information about the Bright Futures scholarship as well as other Florida student scholarship and grant programs can be found by navigating to [floridastudentfinancialaidsg.org](http://floridastudentfinancialaidsg.org).



# ADVANCED ACADEMIC OPPORTUNITIES AT LAKEWOOD HIGH SCHOOL

## ADVANCED PLACEMENT (AP) COLLEGE COURSES

Advanced Placement classes provide students an opportunity to take classes for both high school and college credit. To receive college credit at state universities, a score of 3 or higher (on a scale of 1-5) on a test is required. Countryside High School requires students to take first semester exams in all AP classes. The resulting grade will be factored into the first three grading periods for the final semester grade. **Students are required to take the Advanced Placement Exam in May if they are enrolled in an AP course.** More information about AP courses can be found at the link below. <https://apcentral.collegeboard.org/courses>.

## AP CAPSTONE DIPLOMA PROGRAM

AP Capstone is a nationally recognized and innovative diploma program that provides students an opportunity to apply critical thinking, collaborative problem-solving, and research skills in a cross-curricular context. AP Capstone is built on the foundation of a two-year high school course sequence — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. Students who graduate with an AP Capstone diploma successfully pass 4 or more AP exams, in addition to passing AP Seminar and AP Research. More information about the AP Capstone Diploma Program can be found at the link below. <https://apcentral.collegeboard.org/courses/ap-capstone>.

## ADVANCED PLACEMENT (AP) COURSE DESCRIPTIONS

**AP 2D Art and Design and AP Drawing:** Students learn to address a broad interpretation of two-dimensional design issues through digital or drawing media.

**AP Art 3D Studio:** Students learn to address a broad interpretation of sculptural issues in three-dimensional design.

**AP Biology:** Designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

**AP Calculus AB:** Most of the year must be devoted to topics in differential and integral calculus. Students must be familiar with the properties of functions, the algebra of functions, and the graphs of functions. Students must also understand the language of functions.

**AP Calculus BC:** Designed as a follow-up course for students who demonstrate proficiency in AP Calculus AB to further develop their skills in preparation for advance college coursework in mathematics.

**AP Capstone Research:** Continues the independent research of AP Seminar as students write and defend a comprehensive research project. This course is a requirement for the AP Capstone Diploma.

**AP Capstone Seminar:** Students explore real-world issues and consider multiple points of view. This course prepares students for AP Research and is a requirement for the AP Capstone Diploma.

**AP Chemistry:** The structure of matter, states of matter, chemical reactions and descriptive chemistry are topics covered by this course. A laboratory component will stress science process and skills.

**AP Computer Science Principles:** Students learn to design and implement computer programs to solve problems relevant to today's society.

**AP English Language:** This composition course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the ability to write in any context.

**AP English Literature:** Designed to engage students in the careful reading and critical analysis of imaginative literature. Students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

**AP Environmental Science:** This course is designed for students to understand the interrelationships of the natural world and to analyze and identify environmental problems both natural and human-made.

**AP Human Geography:** AP Human Geography introduces high school students to college-level cultural geography. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human–environment relationships on places, regions, cultural landscapes, and patterns of interaction.

**AP Microeconomics:** The Course introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy.

**AP Music Theory:** Students learn to recognize and understand the total rhythmic nature of any music that is heard or read in the score. Content will include the development of music theory skills, composition, and harmonization.

**AP Physics I:** Introduces Newtonian mechanics, work, energy, power, mechanical waves, sound, and electric circuits

**AP Physics C - Electricity & Magnetism:** The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus are used throughout the course.

**AP Physics C – Mechanics:** The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation.

**AP Psychology:** Introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students also learn about the ethics and methods psychologists use in their science and practice.

**AP Spanish Language:** The course emphasizes the use of language for active communication and helps students develop the ability to understand spoken Spanish in various contexts.

**AP Statistics:** Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data

**AP United States Government and Politics:** Students acquire a critical perspective of politics and government in the United States. They learn concepts used to interpret American politics and analyze specific case studies.

**AP United States History:** Students learn to assess historical materials, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship.

**AP World History:** The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies.



## DUAL ENROLLMENT

These courses are taught by Lakewood High School instructors on our campus and are one semester in length. Earning a final grade of C or higher will result in earning both high school and college credit. See School Counselors for further details regarding this program. More information about the requirements for these courses and other Dual Enrollment options thru SPC can be found at Approved DE Course Matrix with Scores and Prerequisites.

### ST. PETERSBURG COLLEGE (SPC)

#### ENC 1101 COMPOSITION I (3 college credits, 1 high school credit)

This course is designed to develop composition skills. It emphasizes the development of the multi-paragraph essay and includes practice in information retrieval from electronic and other sources, as well as in the selection, restriction, organization, and development of topics. It also offers the student opportunities to improve proficiency with sentence structure, diction, and mechanics. Selected writing samples are examined as models of form and as sources of ideas for the student's own writing.

#### ENC 1102 COMPOSITION II (3 college credits, 1 high school credit)

This course builds upon the skills developed in Composition I. It provides further instruction in the planning, organization, and writing of essays. It stresses methods of library research including information retrieval from electronic sources and emphasizes writing of the research paper and the paper of literary interpretation.

#### SLS 1101 THE COLLEGE EXPERIENCE (3 college credits, ½ high school credit)

This course is designed to strengthen skills essential to success in college, with further applications to post-college plans. Included are study and test-taking strategies; effective interpersonal skills; time management techniques; creative and critical thinking skills; college services and resources; educational policies, procedures, regulations and terminology; and library resources, research strategies, and information skills for online, blended, and traditional learning environments.

### UNIVERSITY OF FLORIDA (UF)

Various courses are offered virtually thru UF for 11<sup>th</sup> and 12<sup>th</sup> graders with a cumulative GPA of at least 3.6 and a PSAT score of 1130 or SAT score of 1100 or ACT composite score of 22. Scores need to be within 2 years of registration. Please see your School Counselor for more information.

### PINELLAS TECHNICAL COLLEGE (PTC)

PTC offers custom training for business and industry in the highly technical and specialized areas of medical, automotive, electronics, construction, manufacturing, and a variety of service occupations. Incoming juniors and seniors who meet eligibility and graduation requirements may take a bus from our campus to PTC Clearwater Campus in the morning, returning for lunch and afternoon classes at our Countryside campus. Course enrollments are limited to space availability. The following programs are offered PTC – Clearwater as dual enrollment options:

.Net Application Development & Programming, Accounting Operations, Automotive Service Technology 1, Cabinetmaking, Computer Systems & Information Technology, Diesel Systems Technician 1, Machining Technologies, Medical Administrative Specialist, Network Support Services, Professional Culinary Arts and Hospitality, and Web Development.

The following are the requirements to be a dual enrollment student at PTC:

- Be at least 16 years old and entering their junior or senior year in high school.
- Have a minimum cumulative unweighted GPA of 2.0, or 2.5 GPA for medical-related programs.
- Show responsibility through high school attendance and behavior.
- Obtain a Dual Enrollment Application from their high School Counselor.
- Return completed application to their high School Counselor, with all necessary signatures. Once the PTC counselor has received the application, the student will be contacted by PTC regarding a shadowing date.

More information about Pinellas Technical College can be found at [Pinellas Technical College](#).

## SPORTS AND ELIGIBILITY RULES

Athletics are of historical and social significance in our national culture. Athletics provide a primary means through which we develop and maintain the physical vigor and stamina required to develop our full potential. Athletics provide healthful and wholesome leisure time activities for our youth. Athletics have a powerful appeal for young people during their formative years. Athletic experiences should be considered an integral part of the total program of Pinellas County Schools.

**Requirements Prior to Practice.** The following items must be properly completed and turned in to the A.P.A/AC before the athlete is allowed to be issued his/her equipment or practice.

- 1) Completed Athletic Participation Form.
- 2) Insurance requirements (mandated by school board policy).
- 3) Physical Forms.
- 4) students must have a 2.0 GPA
- 5) what the videos that are required to play

**Fall Sports:** Cross Country, Football, Golf, Swimming, Volleyball

**Winter Sports:** Basketball, Soccer, Wrestling

**Spring Sports:** Baseball, Flag Football, Spring Football, Softball, Tennis, Track

### **Clubs:**

SGA  
Drama Club  
National Honor Society  
FBLA  
Girls Service League  
Music Honor Society  
Marching Band  
Academic Team  
Debate Team  
Key Club  
Mu Alpha Theta MHS  
Spanish Honor Society  
PMAC

5000 Role Models  
Girlfriends  
LHS Gospel Choir  
Gay Straight Alliance  
Anime and Art Club  
Hacker Club  
Lakewood Health Squad  
AVID  
TSIC  
Freshman Sponsor  
Sophomore Sponsor  
Junior Sponsor  
Senior Sponsor

