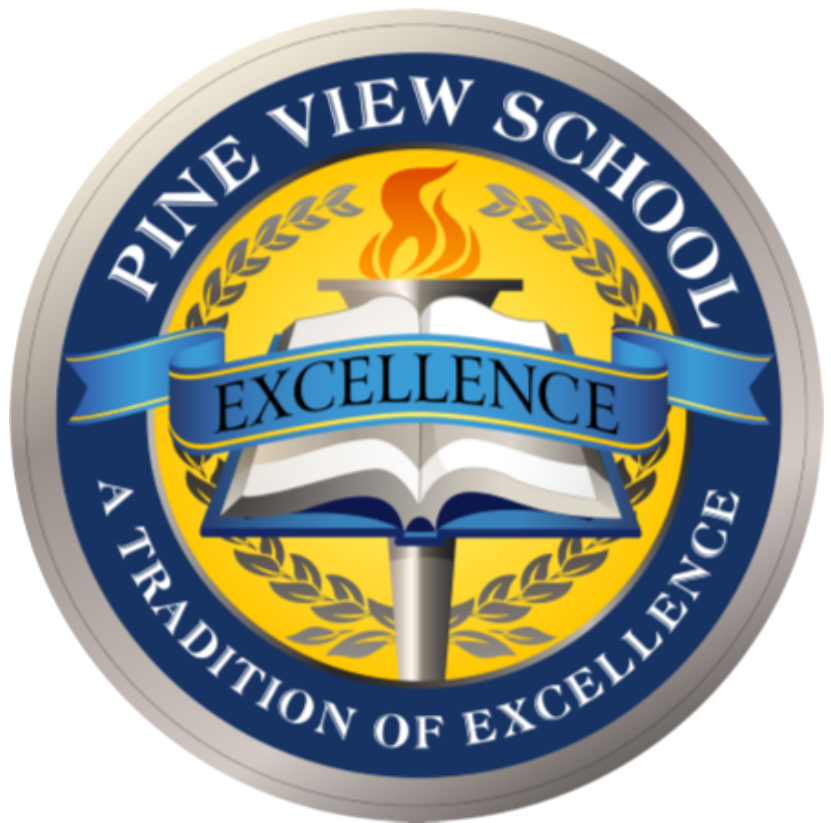


# PROGRAMS OF STUDIES

# Pine View School

2024 - 2025



# Pine View School

1 Python Path • Osprey, Florida 34229  
(941) 486-2001 Fax (941) 486-2042  
<https://sarasotacountyschools.net/schools/pineview>

Stephen P. Covert, Ph.D., Principal  
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Roy Sprinkle, Assistant Principal

January 2024

Dear Pine View Students and Families,

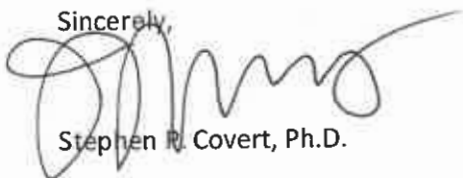
This is the time of year when we begin collaborating with our Pine View families in the exciting course selection process for the coming year. Pine View's Program of Studies is intended to provide Pine View students and parents with information about the many course options and pathways available, and to guide student's in making important scheduling decisions. We are honored to be part of the educational journey each student will take leading to the Pine View Diploma.

When making course selections, students and parents should strive to create balance in the four-year academic plan, strategically incorporating rigor while pursuing terminal coursework. It is important to also remember that academics work alongside extracurriculars – each represents an important aspect of each individual student. For this reason, we urge students and families to recognize that course selections should ideally fit into a carefully constructed plan that emphasizes and ensures a challenging and worthwhile curriculum spanning all four years of high school.

The Program of Studies presents students and parents with a comprehensive directory, in which every course is explained in detail. The Student Planning Tools section provides students with comparison tables, planning templates, and resources to assist students in the daily management of employment, sports, or volunteer responsibilities that may extend beyond the academic day. Careful consideration should be given to when selecting Advanced Placement (AP) courses in grades 9 through 12; AP Courses are true college level courses and require intense work and substantial time commitment.

We would like to conclude by saying to every student, that all course selections should be made with the goal of preparing for both post-secondary education and workforce readiness, and thus continuing Pine View's Tradition of Excellence. We encourage students to seek out advisement from Pine View's College & Career, Counseling, and Administration Teams - all are ready to assist students as they plan for the academic journey ahead.

Sincerely,



Stephen P. Covert, Ph.D.

Principal, Pine View School

# PINE VIEW HIGH SCHOOL REQUIREMENTS

- Students must earn a minimum of 26 credits, which may include credits earned in middle school.
- All students in grades 9-12 must be enrolled in at least six credits each semester per year.
- Students must earn all core academic credits on campus. These include 4 English, 4 Mathematics, 3 Science, 3 Social Studies, and 3 World Language credits for graduation. Courses must be taught on-campus and by Pine View faculty.
- Students must earn three high school credits in the same World Language.
- Pine View expects all students enrolled in Advanced Placement courses to complete the Advanced Placement Exam at the end of the school year.
- Academic grades will be reviewed quarterly to ensure students continue to demonstrate the need for an accelerated curriculum and enrollment in a gifted magnet program.
- All students must maintain a minimum 2.5 cumulative unweighted GPA for all core credit classes, including World Language courses, as determined by the three most recent grading periods.
- In accordance with the SCS Student Progression Plan, students must have the correct number of credits to be promoted to the next grade level.
- Beginning with the Class of 2027, students must complete 0.5 credit in the Personal Finance & Money Management course.

## STUDENTS TRANSFERRING TO PINE VIEW AFTER 9TH GRADE

Per the SCS Student Progression Plan, credits earned prior to enrolling at Pine View may be accepted upon transcript review:

10th graders must earn 17 credits on the Pine View campus by gifted endorsed faculty to earn a Pine View Diploma.

11th graders must earn 11 credits on the Pine View campus by gifted endorsed faculty to earn a Pine View Diploma.

12th graders must earn 5 credits on the Pine View campus by gifted endorsed faculty to earn a Pine View Diploma.

***Students transferring to Pine View with high school World Language credits earned will be required to take any remaining World Language credits, to total three credits in the same World Language, at Pine View School.***

## STATE ASSESSMENT REQUIREMENTS FOR ALL STUDENTS

- Students must earn passing scores on the Grade 10 FAST ELA and Algebra 1 EOC.
- The EOC is 30% of final grades for: Algebra 1 Honors, Geometry Honors, Biology Honors, and US History Honors.

***\* Please note: State Assessment Requirements are subject to change due to legislation.***

## COURSE CREDITS NEEDED FOR GRADUATION

English	4
Mathematics	4
Science (4 highly recommended)	3
Social Studies	3
World Language	3
Performing/Fine Arts	1
Personal Finance and Money Management (Class of 2027 and beyond)	0.5
H.O.P.E. online class or H.O.P.E. waiver	1
Electives	6.5
<b>Total Credits</b>	<b>26</b>

## COURSE WEIGHTING

- All Honors-Level courses carry a 1.0 GPA weight.
- All Advanced Placement and Dual Enrollment courses carry a 1.5 GPA weight.

## COURSE CODE EXPLANATIONS

Weighted: Y	Weighted = Course carries GPA weight
Weighted: N	Not Weighted = Course does not carry GPA weight
Bright Futures: C	Core = Course meets the BF Requirements
Bright Futures: N	Not Core = Course does not meet BF Requirements
SUS Admission: E	Elective Course in the State University System
SUS Admission: C	Core Course in the State University System

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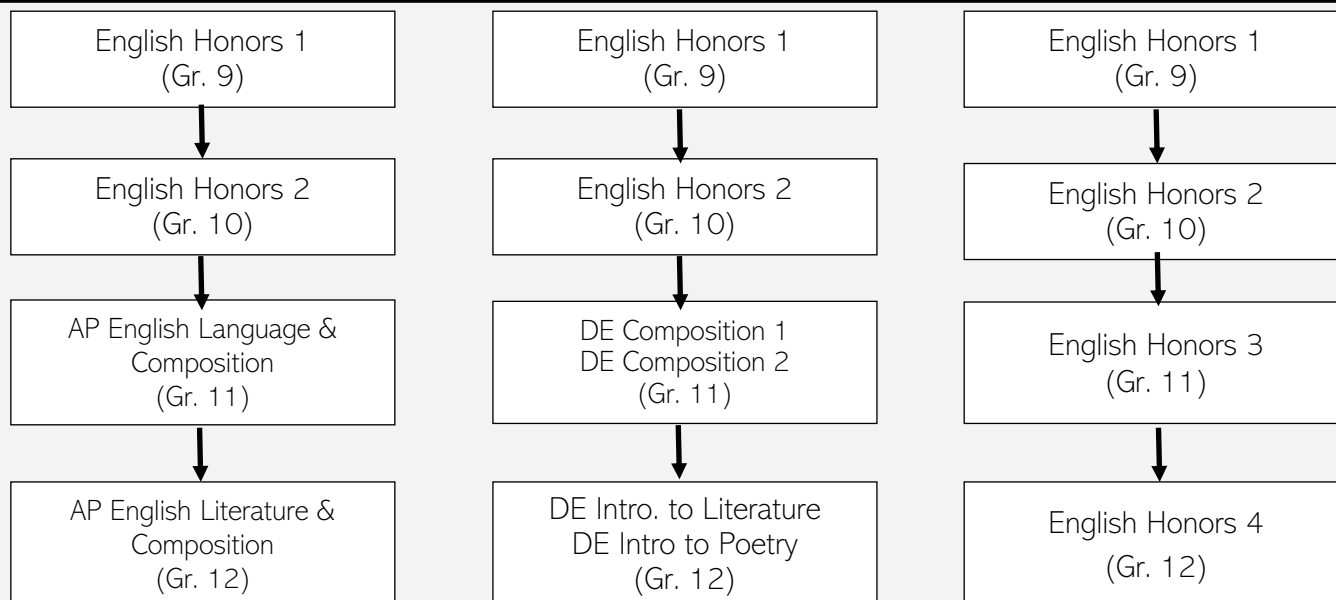
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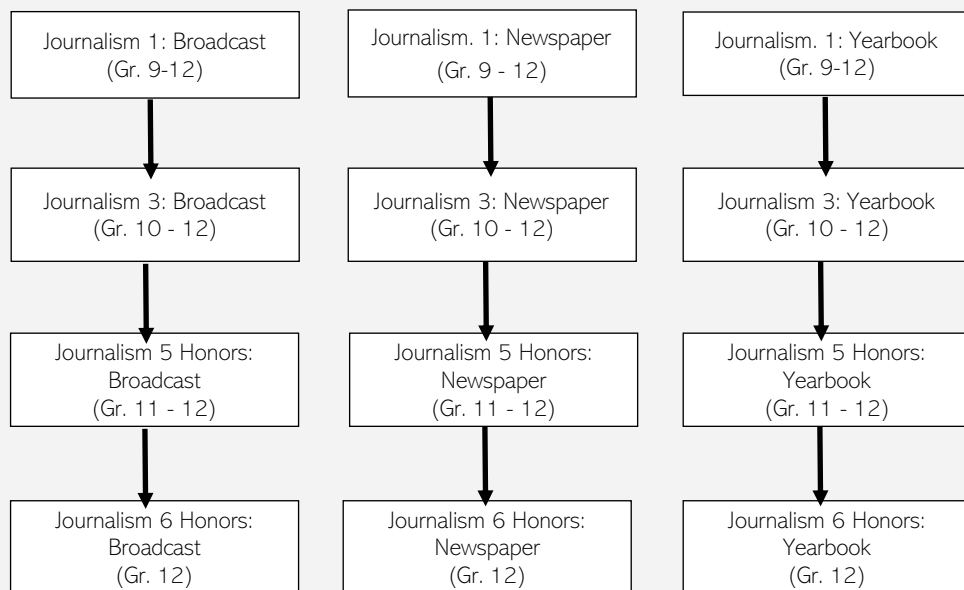
# LANGUAGE ARTS

## Recommended CORE Progressions



## Language Arts Electives

### Journalism



### Graduation Requirements

- 4 English CORE credits on Pine View's campus
- Maintain a 2.5 cumulative unweighted GPA for all CORE classes

### Speech

Speech 1  
Speech 2  
(Gr. 9-12)

### AP Capstone

Does not fulfill CORE requirement  
Prerequisite: English Honors 1

AP Seminar (Gr. 10-12)

AP Research (Gr 11-12)

### Creative Writing

Prerequisite: English Honors 1

Creative Writing 1  
Creative Writing 2  
(Gr. 10-12)

Creative Writing 3 Honors  
(Gr. 11-12)

Creative Writing 4 Honors  
(Gr. 12)

# LANGUAGE ARTS

## ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (Grade 11-12) *Rigorous*

1001420

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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According to AP College Board [this] “course guides students in becoming curious. Critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in this course should deepen and expand their understanding of how written language functions *rationally*: to communicate writer’s intentions and elicit readers’ responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students’ attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g. memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques, research reports.)” – *AP College Board 2014*. It is Pine View’s expectation that all students enrolled in Advanced Placement courses register for and complete the Advanced Placement exam at the end of the school year.

**Recommended:** Completion English 1 and 2

## ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION (Grade 12) *Rigorous*

1001430

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The AP English Literature and Composition course is a college-level study of literature and writing engaging students in the careful reading and critical analysis of imaginative literature. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized merit spanning the 16th to the 21st centuries. Through the close reading of selected texts, students deepen understanding of language use and structure. Students consider a work's structure, style, and themes, as well as elements such as figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays. This course differs from AP Language and Composition; success in the AP Language and Composition class will not necessarily translate to success in AP Literature and Composition. AP Literature and Composition prepares students to take the national AP exam accepted as college credit by many post-secondary institutions. It is Pine View’s expectation that all students enrolled in Advanced Placement courses register for and complete the Advanced Placement exam at the end of the school year.

**Recommended:** Completion English 1, 2 and AP English Language and Composition

## ADVANCED PLACEMENT CAPSTONE RESEARCH (Grade 11-12) *Rigorous*

1700510

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The second course in the AP Capstone Diploma series, AP Research allows students to design, plan, and conduct a yearlong research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students draw upon skills acquired in the AP Seminar course to better understand research methodology, employ ethical research practices, and hone masterful argumentation skills through analysis, synthesis, presentation and defense. It is Pine View’s expectation that all students enrolled in Advanced Placement courses register for and complete the Advanced Placement exam at the end of the school year.

**Prerequisite:** Successful completion of AP Capstone Seminar

# LANGUAGE ARTS

## ADVANCED PLACEMENT CAPSTONE SEMINAR (Grade 10-12) *Rigorous*

1700500

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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AP Seminar is the first course in the AP Capstone Diploma series. The AP Seminar course engages students in cross-curricular conversations which explore the complexities of academic and real-world topics and themes by analyzing divergent perspectives. This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. Students read scholarly articles, research studies, and foundational and philosophical texts; listen to and view speeches, broadcasts, and personal accounts; and encounter artistic and literary interpretations to gain a rich appreciation and understanding of issues. It is Pine View's expectation that all students enrolled in Advanced Placement courses register for and complete the Advanced Placement exam at the end of the school year.

**Recommended:** Completion of English 1 Honors

## CREATIVE WRITING 1 (Grades 10 - 12)

1009320

Credit: 0.5	One Semester	Weighted: N	Bright Futures: C	SUS Admission: C
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This course develops students' writing and language skills needed for individual expression in literary forms. The content includes instruction in the development and practice of writing a variety of literary works including original poetry, short stories, plays, novels, essays and other nonfiction. The course may also include technical aspects of publishing students' work in a literary publication.

**Prerequisite:** English Honors 1

## CREATIVE WRITING 2 (Grades 10 - 12)

1009330

Credit: 0.5	One Semester	Weighted: N	Bright Futures: C	SUS Admission: C
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In this course students continue to develop and use intermediate-level writing and language skills for creative expression in a variety of literary forms.

**Prerequisite:** Creative Writing 1

## CREATIVE WRITING 3 HONORS (Grades 11-12)

1009331

Credit: 1.0	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course develops writing and language skills needed for individual expression in traditional poetic forms. Students read, analyze and write Blues, Ballad, Asian, Italian, French forms and traditional forms of poetry. Students learn technical aspects and should enter a contest, publishing student work, and enter and perform in a public reading.

**Prerequisite:** Completion of Creative Writing 1 and 2

## CREATIVE WRITING 4 HONORS (Grades 11-12)

1009332

Credit: 1.0	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course enables students to develop and use grade 11-12 writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style.

**Prerequisite:** Completion of Creative Writing 1, 2, and 3

# LANGUAGE ARTS

## DUAL ENROLLMENT WRITTEN COMMUNICATIONS (Grade 11-12) *Rigorous*

ENC1101/ENC1102

Credit: 2	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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**ENC 1101 WRITTEN COMMUNICATIONS 1** Coursework encompasses grammar and diction review, with an intense focus on composition instruction spanning multiple writing genres. Students engage in the research process, and practice oral communication.

**ENC 1102 WRITTEN COMMUNICATIONS 2** Coursework focused on the continuation of writing skills instruction with an introduction to literature. Emphasis placed on reading critically and analytically, studying literary terminology and techniques, and writing about literature.

*Students who opt to take ENC 1101 and ENC 1102 will not be able to enroll in English AP Language and Composition, as successful completion of each course provides the same result – credit for ENC 1101 and ENC 1102 – on the student's transcript. Per University of South Florida (USF) guidelines, a course may not be taken twice in any combination for the same credit.*

**Prerequisite:** English 1 and 2

## DUAL ENROLLMENT INTRODUCTION TO LITERATURE (Grade 12) *Rigorous*

LIT 2000

Credit: 1	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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LIT 2000 This course provides a close inspection into literary techniques, conventions, and genres in literature with emphasis on historical, cultural, analytical, and theoretical contexts.

**Prerequisite:** Completion of ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better through Dual Enrollment program.

## DUAL ENROLLMENT INTRODUCTION TO POETRY (Grade 12)\*\* *Rigorous*

LIT 2030

Credit: 1	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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Five hours per week. Prerequisites: ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better. course will introduce students to forms and techniques of poetry; major poets and movements from the Renaissance to the present; and written analysis, explication, interpretation, and evaluation of poetry.

**Prerequisite:** Completion of ENC 1101 and concurrent registration in or completion of ENC 1102 with a grade of "C" or better through Dual Enrollment program.

## ENGLISH HONORS 1 (Grade 9)

1001320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The English 1 Honors course involves instruction in critical thinking, reading, speaking, and vocabulary, listening and writing skills. Students are immersed in multiple aspects of the evidence-based writing process and hone narrative, informative, argument, and synthesis writing skills. Instruction in formal and informal speaking experiences shape critical listening, observing, and discourse skills. Using a World Literature foundation, students read multiple text types to include short stories, dramatic works, poetry, nonfiction texts, and novels. In-depth language study emphasizes usage, mechanics, spelling, and other elements of standard written English.

## ENGLISH HONORS 2 (Grade 10)

1001350

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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English 2 Honors is a course in which students will read and analyze a variety of complex texts including foundational documents, nonfiction essays, poetry, dramatic works, and novels. Students will engage in the written and oral analysis of literary works representing the ethnic and cultural diversity of various perspectives. Instruction will center on producing a variety of sophisticated, multiple-paragraph, evidence-based essays, to include literary analyses, research papers, synthesis essays, and products creative in nature. Formal and informal oral communication instruction equips students with the skills needed to produce effective, technology-driven presentations. Students will grapple with content, while engaging in classroom discussion which emphasizes analysis, synthesis, and evaluation. The study of language includes usage, mechanics, spelling, and other elements of standard written English.

**Prerequisite:** English Honors 1

# LANGUAGE ARTS

## ENGLISH HONORS 3 (Grade 11)

1001380

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course includes an integrated model of instruction featuring thematic units that incorporate close reading, writing, speaking and listening, and language skills. Instruction emphasizes the strong connection between reading and writing while providing grammar and vocabulary in context. Students are engaged in higher-order critical thinking skills, accurate analysis and evaluation, problem-solving skills, deeper conceptual understanding, expanded academic vocabulary, collaborative learning, and media literacy. Literature study includes several genres over multiple time periods that incorporate fiction and non-fiction. Author and reader perceptions and perspectives, along with social and cultural experiences are key highlights. Students scrutinize text through multiple perspectives that affect understanding. Research and documentation is further reinforced through college and career planning and exploration. This unique design creates a balanced and vertically aligned system of literary development that engages students and prepares them for success with the Language Arts Florida Standards, Advanced Placement, and success in college and beyond.

**Prerequisite:** English Honors 1 & 2

## ENGLISH HONORS 4 (Grade 12)

1001410

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course satisfies the Grade 12 requirement for High School Graduation. The goal of the course is to complete coursework for high school, with an End-of Course Exam and in-class exams at the end of the year. The students will improve reading comprehension through reading of foundational documents, nonfiction essays, short stories, poetry, drama and novels. Writing study includes instruction with frequent practice in writing multiple-paragraph essays in a variety of types, including literary analysis, documented papers, a formal research paper, and creative styles. Technical writing instruction, research and documentation instruction, and formal and informal communication skills form the mainstay of this course. Students will deliver oral presentations and utilize technology to produce written work and projects. The level of discourse in classroom discussion emphasizes analysis, synthesis, and evaluation.

**Prerequisite:** English Honors 1, 2 & 3

## JOURNALISM 1 (Grades 9-12)

1006300Y-YEARBOOK/1006300N-TORCH/1006300-BROADCAST

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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This course provides instruction in basic aspects of journalism and workshop experiences in journalistic production. The content includes instruction in recognizing and writing news for journalistic media and in developing journalistic writing such as editorials, sports articles, and feature stories. In addition to written work, students receive instruction in the history and traditions of journalism as well as workshop experiences in photography, layouts, advertising, printing, video recording and editing, and other practical aspects of journalistic enterprise. One or more student journalistic productions may be included as connected to workshop experiences.

*\*Due to limited space, students must fill out an application, go through an interview process, and be signed in by the adviser of the yearbook or the school newspaper.*

Fulfills Practical/Fine Art Credit

## JOURNALISM 3 (Grades 10-12)

1006320Y-YEARBOOK/1006320N-TORCH/1006320-BROADCAST

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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This course builds upon foundational aspects of journalism and workshop experiences in journalistic production. This course includes instruction and practice in applying all aspects of the writing process including prewriting, drafting, editing and proofreading to the work prepared in order to bring it to high journalistic standards. Students begin developing leadership skills, such as time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalism are provided.

**Prerequisite:** Journalism 1

# LANGUAGE ARTS

## **JOURNALISM 5 HONORS (Gr. 11-12) *Rigorous***

**1006331Y-YEARBOOK/1006331N-TORCH/1006331-BROADCAST**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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This course builds on instruction and practice in applying all aspects of the writing process including prewriting, drafting, editing and proofreading to the work prepared in order to bring it to high journalistic standards. This course includes instruction in writing, designing, and managing journalistic enterprises. The emphasis in the course is upon implementing students' creative skills and talents in writing, graphic design and/or photography, and in providing regular practice in management skills and production techniques in printed/video journalistic media.

**Prerequisite:** Journalism 3

## **JOURNALISM 6 HONORS (Grades 12) *Rigorous***

**1006332Y-YEARBOOK/1006332N-TORCH/1006332-BROADCAST**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The course provides opportunities to develop proficiency in various forms of journalistic writing/video production using the production of one or more student journalism projects. The emphasis is on mastery of student leadership skills such as time management, utilization of personnel, task organization, sales, and budgeting.

\*Level is dependent upon year of experience in school publications. Responsibilities increase with leadership, management, and skill development. Journalism portfolio and attendance at a professional workshop is required.

**Prerequisite:** Journalism 5 Honors

## **SPEECH 1 (Grades 9 - 12)**

**1007305**

Credit: 0.5	One Semester	Weighted: N	Bright Futures: N	SUS Admission: E
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This course provides instruction in the fundamentals of formal and informal oral communication. Major instructional areas include forms of oral communication, techniques of group discussion, techniques of effective listening, analysis of the audience, and techniques of public speaking.

Fulfills Practical/Fine Art Credit

## **SPEECH 2 (Grades 9 - 12)**

**1007315**

Credit: 0.5	One Semester	Weighted: N	Bright Futures: N	SUS Admission: E
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This course is a continuation of Speech I. It provides instruction in the fundamentals of formal and informal oral communications. Instructional areas include formal speeches, formal class discussion, debate activities, and utilizing oral interpretation skills.

**Prerequisite:** Speech 1

Fulfills Practical/Fine Art Credit

# MATHEMATICS

## Recommended CORE Progressions

### Option A

Refer to prerequisite requirements for each course.

Geometry Honors  
(Gr. 9)



Algebra 2 Honors  
(Gr. 10)



AP Pre-Calculus  
(Gr. 11)



Choose one:  
AP Calculus AB  
AP Calculus BC  
AP Statistics  
(Gr. 12)

### Option B

Refer to prerequisite requirements for each course.

Geometry Honors  
(Gr. 9)



Algebra 2 Honors  
(Gr. 10)



Pre-Calculus Honors  
(Gr. 11)



Calculus Honors  
(Gr. 12)

### Option C

Refer to prerequisite requirements for each course.

Algebra 2 Honors  
(Gr. 9)



AP Pre-Calculus  
(Gr. 10)



AP Calculus BC  
(Gr. 11)



Dual Enrollment  
Calculus III &  
Dual Enrollment  
Differential Equations  
(Gr. 12)

### Option D

Refer to prerequisite requirements for each course.

Algebra 2 Honors  
(Gr. 9)



AP Pre-Calculus  
(Gr. 10)



AP Statistics  
(Gr. 11)



Probability and  
Statistics w/  
Applications Hon.  
*Statistics 2*  
(Gr. 12)

### Option E

Refer to prerequisite requirements for each course.

Algebra 2 Honors  
(Gr. 9)



AP Pre-Calculus  
(Gr. 10)



AP Calculus AB or  
AP Calculus BC  
(Gr. 11)



AP Statistics  
(Gr. 12)

### Option F

Refer to prerequisite requirements for each course.

Geometry Hon  
and  
Algebra 2 Hon  
*taken concurrently on  
PV Campus*  
(Gr. 9)



Choose any  
Grade 10 - 12  
progression  
from  
Options C - E

### Mathematics Electives

Any Mathematics course may be taken as an elective, as long as the pre-requisites have been met.

### Graduation Requirements

- 4 Mathematics CORE credits on Pine View campus
- Maintain a 2.5 cumulative unweighted GPA for all CORE classes



# MATHEMATICS

## ALGEBRA 1 HONORS

1200320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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Students 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 engage in methods for analyzing, solving, and using quadratic functions.

**Prerequisite:** Pre-Algebra

## ALGEBRA 2 HONORS

1200340

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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Students extend their repertoire of functions to include polynomial, rational, and radical functions. 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.

**Prerequisite:** Algebra 1 Honors\*, Geometry Honors - Geometry may be taken concurrently.

*\*To satisfy the prerequisite requirement, the student must have either completed this course with a passing grade by the first day of school or be eligible to participate in the fall EOC exam. To be eligible to participate in the fall EOC exam, a summer FLVS student must have completed all of Term 1 and 80% of Term 2 two weeks prior to the first day of school.*

## AP CALCULUS AB *Rigorous*

1202310

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course is equivalent to the first semester of a typical college calculus sequence. The course begins with a review of precalculus mathematics and then explores topics in differential and integral calculus. Graphing calculators are used in modeling and calculation. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Four years of secondary mathematics: Algebra 1\*, Algebra 2, Geometry Honors\*, and Precalculus Honors or AP Precalculus

**Recommended:** B or higher in most recent math course or teacher recommendation.

*\*To satisfy the prerequisite requirement, the student must have either completed this course with a passing grade by the first day of school or be eligible to participate in the fall EOC exam. To be eligible to participate in the fall EOC exam, a summer FLVS student must have completed all of Term 1 and 80% of Term 2 two weeks prior to the first day of school. Students unable to meet the prerequisites will be removed from the course and placed in an alternate course before the first day of school.*

## AP CALCULUS BC *Rigorous*

1202320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course is equivalent to the first two semesters of a typical college calculus sequence. It includes the content of AP Calculus AB and then explores different types of equations and introduces the topic of sequences and series. Graphing calculators are used in modeling and calculation. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Four years of secondary mathematics: Algebra 1\*, Algebra 2 Honors, Geometry Honors\*, and AP Precalculus

**Recommended:** Strong academic performance of A or B in all previous high school level mathematics courses.

*\*To satisfy the prerequisite requirement, the student must have either completed this course with a passing grade by the first day of school or be eligible to participate in the fall EOC exam. To be eligible to participate in the fall EOC exam, a summer FLVS student must have completed all of Term 1 and 80% of Term 2 two weeks prior to the first day of school. Students unable to meet the prerequisites will be removed from the course and placed in an alternate course before the first day of school.*

# MATHEMATICS

## AP PRECALCULUS *Rigorous*

1202305

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This research-based exploration of functions is designed to better prepare students for AP Calculus AB/BC and provide grounding for other mathematics and science courses. Students acquire and apply mathematical tools in real-world modeling situations in preparation for college-level calculus. Skills learned are applicable in a wide variety of future courses that involve quantitative reasoning. Students will gain a deep conceptual understanding of functions and their graphs. Successful students will be prepared to enroll in AP Calculus AB, or AP Calculus BC. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisites:** Geometry Honors\* and Algebra 2 Honors

**Recommended:** B or higher in most recent math class or teacher recommendation

*\*To satisfy the prerequisite requirement, the student must have either completed this course with a passing grade by the first day of school or be eligible to participate in the fall EOC exam. To be eligible to participate in the fall EOC exam, a summer FLVS student must have completed all of Term 1 and 80% of Term 2 two weeks prior to the first day of school. Students unable to meet the prerequisites will be removed from the course and placed in an alternate course before the first day of school.*

## AP STATISTICS *Rigorous*

1210320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Topics describing patterns and departures from patterns, planning and conducting studies, exploring random phenomena using probability and simulation, and estimating population parameters and testing hypotheses. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. Graphing calculators are used in modeling and calculation. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Algebra 1, Geometry, Algebra 2, Precalculus Honors or AP Precalculus. Precalculus Honors or AP Precalculus may be taken concurrently.

## CALCULUS HONORS *Rigorous*

1202300

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The course begins with a review of precalculus mathematics and then explores the topics of functions and limits, with a focus on both differential calculus, dealing with derivatives and differentials as well as integral calculus, the study of integrals and their properties. Graphing calculators are used in modeling and calculation. This course is intended for students who wish to extend their knowledge of mathematics beyond the required curriculum, but without the pressure of preparing for an AP exam.

**Prerequisite:** Precalculus Honors or AP Precalculus.

## DUAL ENROLLMENT CALCULUS 3 *Rigorous*

MAC2313

## DUAL ENROLLMENT DIFFERENTIAL EQUATIONS *Rigorous*

MAP2302

Credit: 2	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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These courses extend students' understanding of differential and integral calculus to three-dimensional space and expands their knowledge of differential equations to encompass such solution techniques as annihilators, integrating factors, variation of parameters, and Laplace transforms. Graphing and algebra programs will be used in modeling and calculation. These are University of South Florida courses taught on the Pine View campus by Pine View faculty. Successful students earn college credit (four hours for Calculus 3, three hours for Differential Equations) which may be transferred to any public college or university in Florida. To enroll, students must meet GPA and other requirements established by USF.

**Prerequisite for Calculus III:** AP Calculus BC score  $\geq 4$  and permission of instructor. Students must also meet USF eligibility criteria.

**Prerequisite for Differential Equations:** C or higher in Calculus 3. Students must also meet USF eligibility criteria.

# MATHEMATICS

## GEOMETRY HONORS

1206320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments.

**Prerequisite:** Algebra 1 Honors\*

## PRECALCULUS HONORS *Rigorous*

120340

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course includes concepts of the real number system, functions, graphs, and complex numbers, analytic skills for solving linear, quadratic, polynomial, exponential, and logarithmic equations; and mathematical modeling of real-life applications. The course also includes study of angles, trigonometric functions, properties and graphs of trigonometric functions, right triangles, and laws of sines and cosines. Further topics of study include polar coordinates; analytic geometry, including conic sections and rotation of axes; systems of equations, including matrix algebra and determinants; sequences and series; and the Binomial theorem. Graphing calculators will be used in modeling and calculation. Successful students will be prepared to enroll in Calculus Honors or AP Calculus AB.

**Prerequisites:** Geometry Honors\* and Algebra 2 Honors

## PROBABILITY & STATISTICS WITH APPLICATIONS HONORS (Statistics 2) *Rigorous*

1210300

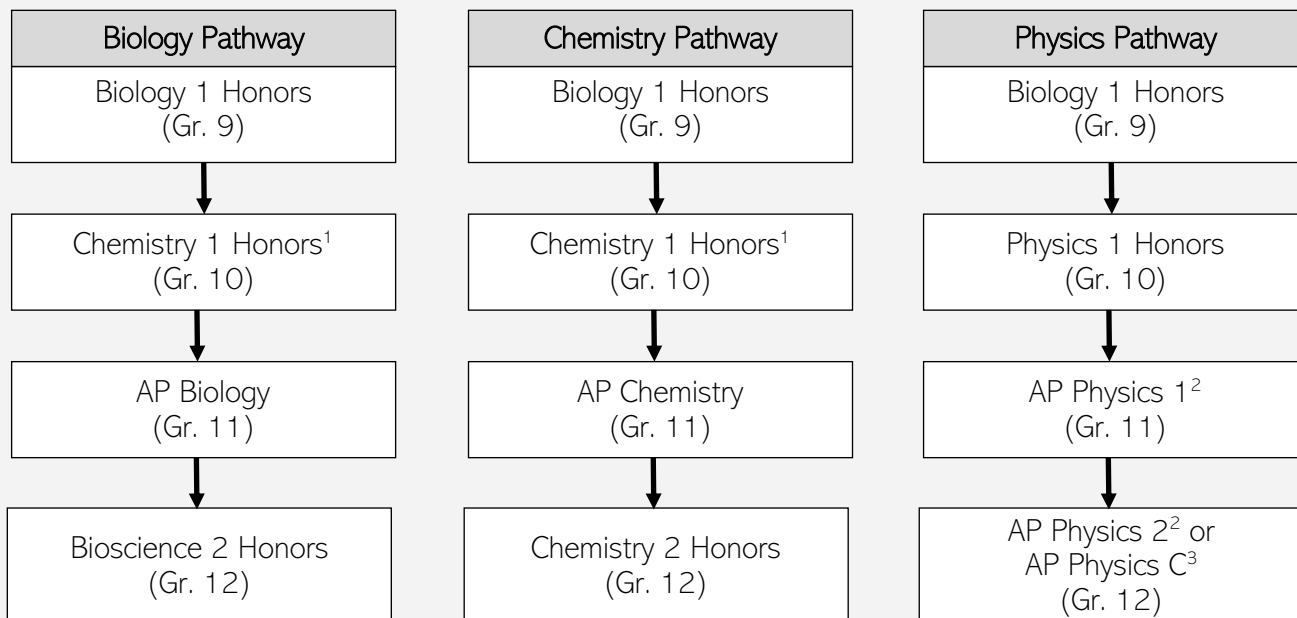
Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course explores both principles and applications of statistics. Topics include theory of estimation and hypothesis testing; the use of probability distributions; regression and correlation; analysis of variance; nonparametric inference; and time series analysis. Examples will be drawn from disciplines such as business and medicine. Statistical software will be introduced and used throughout the course.

**Prerequisite:** AP Statistics score  $\geq 3$

# SCIENCE

## Recommended CORE Progressions



Additional Science courses may be taken concurrently, as electives.

1. Must have completed Biology 1 and Algebra 2. Students may be enrolled concurrently in Algebra 2.
2. Must have completed Geometry and Algebra 2. Students may be enrolled concurrently in Algebra 2. Students must have successfully completed AP Physics 1 to be enrolled in AP Physics 2.
3. Must have completed or be currently enrolled in AP Calculus AB or BC. Students must have successfully completed AP Physics 1.

## Science Electives

### Full Year Electives

AP Biology (Gr. 10 - 12)	Chemistry 1 Honors (Gr. 9 - 12)	Physics 1 Honors (Gr. 9 - 12)	Marine Science 1 Honors (Gr. 9 - 12)
Anatomy & Physiology Hon. (Gr. 10 - 12)	AP Chemistry (Gr. 10 - 12)	AP Physics 1 (Gr. 10 - 12)	AP Environmental Science (Gr. 10 - 12)
Bioscience 2 Honors (Gr. 10 - 12)	Chemistry 2 Honors (Gr. 11 - 12)	AP Physics 2 (Gr. 11 - 12)	AP Environmental Science (Gr. 10 - 12)

### Concurrent Science Course Options

Students may take multiple science courses concurrently with the recommended core progressions. Courses taken in excess of the science graduation requirement will count toward student's electives.

AP Physics C: Electricity & Magnetism  
and  
AP Physics C: Mechanics  
(Gr. 11 - 12)

Astronomy Honors  
(Gr. 9 - 12)

DE Astronomy  
(Gr. 9 - 12)

\*Three science credits are required, including biology, and two of these courses must include a lab component.

# SCIENCE

## ADVANCED PLACEMENT BIOLOGY *Rigorous*

2000340

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This college-level course seeks to prepare the student for credit and/or appropriate placement in college biology courses. The content includes molecular, cellular, organismal, and population biology. Selected laboratory investigations include the use of the scientific method, measurement, laboratory apparatus, and safety. Preserved animal studies may be a part of this course. There is a significant amount of lab work and reading associated with the course. Lab activities comprise 25% of the course. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year. An approved laboratory notebook is required.

**Prerequisite:** Biology Honors 1 and Chemistry 1 Honors

## ADVANCED PLACEMENT CHEMISTRY *Rigorous*

2003370

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This college-level course in chemistry seeks to prepare the student for credit and/or appropriate placement in college chemistry courses. The content includes the structure and states of matter, chemical reactions, and descriptive chemistry. Selected laboratory investigations include the use of the scientific method, measurement, laboratory apparatus, and safety. Major emphasis is placed on chemical equilibrium, kinetics, thermodynamics, atomic structure and bonding, and electrochemistry. The course places primary focus on the application of basic concepts to quantitative problem solving in chemical systems. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year. Purchase of an approved laboratory notebook is required.

**Prerequisite:** Chemistry 1 Honors and Algebra 2 Honors, Precalculus Honors or AP Precalculus. Precalculus Honors or AP Precalculus may be taken concurrently. Honors Chemistry teacher recommendation advised.

## ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE *Rigorous*

2001380

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to study the interaction of man with the environment. The content includes scientific analysis, fundamental principles and concepts about the interdependence of earth's systems, population dynamics, environmental quality, global changes and their consequences. This course deals heavily with how humans interact with and effect the world around them. Laboratory investigation of selected topics includes the use of the scientific method, measurement, laboratory apparatus, and safety. Purchase of an approved laboratory and/or AP ES prep book are highly recommended. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Chemistry 1 Honors and Biology 1 Honors

## ADVANCED PLACEMENT PHYSICS 1 *Rigorous*

2003421

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Algebra 2 Honors and Biology 1 Honors

# SCIENCE

## ADVANCED PLACEMENT PHYSICS 2 (Grade 11 – 12) *Rigorous*

**2003422**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Successful completion of AP Physics 1.

## ADVANCED PLACEMENT PHYSICS C:

### ELECTRICITY & MAGNETISM *Rigorous*

**2003425**

### MECHANICS *Rigorous*

**2003430**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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**AP Physics C** is a full-year science offering comprised of the two courses: AP Physics C: Electricity & Magnetism AND AP Physics C: Mechanics. Introductory differential and integral calculus are used throughout the course. Throughout the year, students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work exploring concepts like change, force interactions, fields, and conservation. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**AP Physics C: Electricity and Magnetism (Semester—1)** explores topics such as electrostatics, conductors, capacitors, dielectrics, electric circuits, magnetic fields, and electromagnetism.

**AP Physics C: Mechanics (Semester—2)** covers kinematics, Newton's laws of motion, work, energy, and power, systems of particles and linear momentum, circular motion and rotation, oscillations, and gravitation.

**Prerequisite:** Successful completion of AP Physics 1. AP Calculus AB or BC may be taken concurrently.

## ANATOMY AND PHYSIOLOGY HONORS

**2000360**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This advanced course provides exploratory activities in the structure and function of the components of the human body. The content includes anatomical terminology, cellular biology, histology, homeostasis, organization and interrelatedness of major body systems, and human disorders. Laboratory investigations focus on the use of scientific method, measurement, laboratory apparatus, and safety. Preserved animal studies are a major part of the laboratory experience. The latest information related to technology, cures, treatments, and preventive medicine are important to our study and discussions. There is heavy emphasis on lab work, which is composed of microscopic examination, dissection and physiology experiments. The nature of the course requires that students approach this sensitive subject in a mature manner. Students may be asked to work independently on occasion and are also expected to work cooperatively when needed. Students should be advised that dissections are mandatory.

**Prerequisite:** Biology 1 Honors, and Chemistry 1 Honors. Chemistry 1 Honors may be taken concurrently.

# SCIENCE

## ASTRONOMY HONORS

2020910

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course provides rigorous application of concepts basic to the earth, its materials, processes, and environment in space. The content includes the universe and solar system; the development of stars; the earth-moon system; space exploration; the sun as a representative star; historical astronomy; astronomical instruments; astronomical coordinate systems.

**Prerequisite:** Biology 1 Honors and Algebra 1 Honors

## BIOLOGY 1 HONORS

2000320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This advanced course provides integrated laboratory experiences and real-life applications in the essential processes of life. The content covers topics such as: the nature of science; matter, energy; biochemistry; cell biology; genetics; levels of organization and classification; structure; function and reproduction of plants, animals and microorganisms; behavior of organisms; interrelationships among organisms; biological selection; adaptations and changes through time. Laboratory investigations will include the use of scientific writing skills, measurement, observations, predictions, reasoning and problem-solving skills. Preserved animal studies may be a part of this course.

**Prerequisite:** Algebra 1 Honors, Geometry 1 Honors, and Life Science. Geometry 1 Honors may also be taken concurrently.

## BIOSCIENCE 2 HONORS (BIOTECHNOLOGY/MICROBIOLOGY) *Rigorous*

2000510

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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BioScience 2 is a rigorous laboratory-based course that provides an advanced foundation in the concepts, theories, and pioneering methods involved in micro and molecular based research through biotechnology, including medical research, functional genomics, gene discovery, agriculture, and forensics. Students will learn the principles, methodologies, and applications of equipment such as thermocyclers, horizontal and vertical gel electrophoresis, micropipettes, spectrophotometers, centrifuges and other advanced laboratory apparatus used in the bioscience industry. The research skills gained in this course can prepare students to secure work in a laboratory while studying at a college or university.

**Prerequisites:** AP Biology

## CHEMISTRY 1 HONORS

2003350

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This advanced course involves the study of the composition, properties and changes of matter. Selected laboratory activities include the use of the scientific method, measurement, laboratory apparatus, and safety. This course provides an introduction to chemical principles and problem solving. The major topics covered include stoichiometry, gases, nuclear chemistry, atomic structure and bonding, thermodynamics, kinetics, chemical equilibrium, acids and bases, and electrochemistry. Laboratory work is focused on applying the principles and concepts learned in lecture and developing student laboratory skills.

**Prerequisite:** Biology 1 Honors, Algebra 2 Honors. Algebra 2 Honors may be taken concurrently.

# SCIENCE

## CHEMISTRY 2 HONORS (ORGANIC CHEMISTRY) *Rigorous*

2003360

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course expands and applies chemical concepts introduced in Chemistry 1 Honors/AP Chemistry. The content includes pH and ionic equilibrium, kinetics and thermodynamics, nuclear chemistry, organic and biochemistry, and descriptive, inorganic chemistry. Selected laboratory investigations include the use of the scientific method, measurement, laboratory apparatus, and safety.

**Prerequisite:** Successful completion of AP Chemistry

## DUAL ENROLLMENT ASTRONOMY *Rigorous*

AST2002 / AST2004

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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Content includes: history of astronomy; astronomy as a physical science; properties of light; telescopes, structure and evolution of the Sun, planets, moons, other bodies in the Solar System; the Milky Way galaxy; stars and other galaxies, and the history of the Universe (Big Bang theory). AST2002 is an introduction and overview of astronomy and is the Fall semester portion of this course through USF; AST2004 (Spring semester) gives a comprehensive overview of the science of Astronomy.

**Prerequisites:** Biology 1 Honors and Algebra 1 Honors. Students must also meet USF eligibility criteria.

## MARINE SCIENCE 1 HONORS

2002510

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This advanced course provides an in-depth study of the physical, chemical, and biological aspects of the marine environment. Content covered includes: origins of the oceans, marine geological studies, ecology of the sea zones, interaction of the ocean and atmosphere, ocean influence on climate, diversity of marine organisms, characteristics of the major marine ecosystems, taxonomic study of marine life, and the interrelationship between man and the ocean. Laboratory investigations will include the use of the scientific method, measurement, laboratory apparatus and safety procedures. Preserved animal studies and specimens may be a part of this course. The maintenance of an in-class salt water tank is required.

**Prerequisite:** Biology 1 Honors

## PHYSICS 1 HONORS

2003390

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This advanced course provides a rigorous study of the concepts, theories and laws governing the interaction of matter, energy, and the forces of nature. The content includes kinematics, dynamics, energy, work and power, heat and thermodynamics, waves, sound, light, electricity, magnetism, nuclear physics, and relativity. Laboratory investigations of selected topics include the use of the scientific method, measurement, laboratory apparatus, and safety.

**Prerequisite:** Biology 1 Honors and Algebra 2 Honors. Algebra 2 Honors may be taken concurrently.



# SOCIAL STUDIES

## Recommended CORE Progressions

Option A	Option B	Option C	Option D
Personal Finance Hon/ Humanities 1 Hon (Gr. 9)	Personal Finance Hon/ Humanities 1 Hon (Gr. 9)	AP World History (Gr. 9)	World History Honors (Gr. 9)
↓	↓	↓	↓
AP World History (Gr. 10)	World History Honors (Gr. 10)	Personal Finance Hon/ Humanities 1 Hon <b>OR</b> AP Microeconomics (Gr. 10)	Personal Finance Hon/ Humanities 1 Hon <b>OR</b> AP Microeconomics (Gr. 10)
↓	↓	↓	↓
AP US History (Gr. 11)	US History Honors (Gr. 11)	AP US History (Gr. 11)	US History Honors (Gr. 11)
↓	↓	↓	↓
AP US Government/ AP Macroeconomics (Gr. 12)	US Government Honors/ Economics Honors (Gr. 12)	AP US Government/ AP Macroeconomics (Gr. 12)	US Government Honors/ Economics Honors (Gr. 12)

## Social Studies Electives

### Full Year Electives

AP Human Geography (Gr. 9 - 12)	AP Psychology (Gr. 10 - 12)	AP European History (Gr. 10 - 12)	International Relations 2 Hon** (Gr. 10 - 12)	Comprehensive Law Hon** (Gr. 10 - 12)
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### Semester Electives

Option A	Option B**	Option C**
African-American History Hon (Gr. 10-12)	AP Microeconomics (Gr. 10-12)	History of Vietnam War (Gr. 10-12)
Holocaust History Hon (Gr. 10-12)	AP Comp. Government (Gr. 10-12)	Philosophy Honors (Gr. 10-12)

**\*\*Courses will be offered on a rotating schedule.**

*2024 - 25: Option B and International Relations 2 Honors*

*2025 - 26: Option C and Comprehensive Law Honors*

### Graduation Requirements

- 3 Social Studies CORE credits on PV campus.
- Personal Finance and Money Management (Class of 2027 and beyond)

# SOCIAL STUDIES

## **ADVANCED PLACEMENT COMPARATIVE GOVERNMENT (Grades 11 – 12) *Rigorous* 2106430**

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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An effective course in comparative government and politics will give students a good basic understanding of the world's diverse political structures and practices. The course should encompass the study both of specific countries and of general concepts used to interpret the key political relationships found in virtually all national policies. Six countries form the core of study: Great Britain, Iran, Mexico, Nigeria, Russia and China. Note: **This does not satisfy the graduation requirement for a government course.** It is Pine View's expectation that all students enrolled in Advanced Placement courses register for and complete the Advanced Placement exam at the end of the school year.

## **ADVANCED PLACEMENT EUROPEAN HISTORY (Grades 10 - 12) *Rigorous* 2109380**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to understand the development of Europe within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

## **ADVANCED PLACEMENT HUMAN GEOGRAPHY (Grades 9 - 12) *Rigorous* 2103400**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to enable students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

## **ADVANCED PLACEMENT MACROECONOMICS (Grade 12) *Rigorous* 2102370**

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This is a unique Social Studies course in that involves mathematical calculations and graphing. Strong spatial skills and abstract thinking abilities are academic assets for students enrolled in this course. Microeconomics is not a pre-requisite for Macroeconomics although some course content overlaps and courses can be taken in either order, or during the same semester as 12<sup>th</sup> graders. Pine View expects all enrolled students to take the AP Exam for this course in May. Students who take this course first semester will have the opportunity to attend multiple review sessions during second semester to prepare for the AP Exam administered in May. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

## **ADVANCED PLACEMENT MICROECONOMICS (Grades 11 - 12) *Rigorous* 2102360**

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. (The College Board 2012) This is a unique Social Studies course in that involves mathematical calculations (without the use of a calculator) and graphing. Strong spatial skills and abstract thinking abilities are academic assets for students enrolled in this course. Microeconomics is not a pre-requisite for Macroeconomics although some course content overlaps and courses can be taken in either order, or during the same semester as 12<sup>th</sup> graders. It is Pine View's expectation that all students enrolled in Advanced Placement courses register for and complete the Advanced Placement exam at the end of the school year.

# SOCIAL STUDIES

## ADVANCED PLACEMENT PSYCHOLOGY (Grades 11 - 12) *Rigorous*

**2107350**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to provide students a 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 sub-fields within psychology. They also learn about the methods psychologists used in their science and practice. The content should include, but not be limited to the following: methods, biological basis of behavior, sensation and perception, stated on consciousness, learning cognition, motivation emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology. It is Pine View's expectations that all students enrolled in Advanced Placement courses register for and complete the advanced placement exam at the end of the school year.

## ADVANCED PLACEMENT UNITED STATES HISTORY (Grade 11) *Rigorous*

**2100330**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The content will range from exploration and colonization to the present day, the emphasis will be on the development of historical thinking and skill development. According to the College Board, "The course is designed to encourage students to become apprentice historians who are able to use historical facts and evidence in the service of creating deeper conceptual understandings of critical developments in US History." The specific historical thinking skills include the following: chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis. This course will continue to require strong reading skills and a dedication to reading the assigned historical works. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

## ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS (Grade 12) *Rigorous*

**2106420**

Credit: 0.5	One Semesters	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to give students a critical perspective on politics and government in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

## ADVANCED PLACEMENT WORLD HISTORY: MODERN (Grades 9 - 10)

*Rigorous*

**2109420**

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to enable students to understand the development, organization, and diversity of human civilizations. By examining global processes such as migration, trade, and cultural interactions, students will prepare for participation in the global community. Students will use knowledge of history, geography, economics, political and social processes, and belief systems to solve problems in academic, social, and employment settings. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

## AFRICAN-AMERICAN HISTORY HONORS (Grades 9-12)

**2100336**

Credit: 0.5	One Semester	Weighted: N	Bright Futures: C	SUS Admission: C
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The grade 9-12 African-American History Honors course consists of the content area strands: World History, American History, Geography, Humanities, Civics, and Government. The primary content emphasis for this class pertains to 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.

# SOCIAL STUDIES

## COMPREHENSIVE LAW HONORS (Grades 10 - 12)

2106375

Credit: 1.0	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The primary content for the course pertains to the study of the components and processes associated with the American legal system and the comprehensive examination of the civil and criminal justice systems. Content area strands include: American History, World History, Geography, Humanities, Civics and Government. Content should include, but is not limited to, the historical antecedents and purpose for laws, the impact of social values on the establishment and interpretation of laws, causes and consequences of crime, evaluation of the adult and juvenile justice systems, significance of the Bill of Rights to the American legal system and elements of constitutionalism, civil and criminal law, family and consumer law, rights and responsibilities under the law, and the adversarial versus inquisitorial systems of justice. This course will incorporate the development of a written appellate brief addressing a contemporary legal question and the presentation of oral arguments to defend their position legally.

Will be offered for the 2025/2026 school year.

## ECONOMICS HONORS (Grade 12)

2102320

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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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.

## HISTORY OF THE VIETNAM WAR (Grades 10 - 12)

2100400

Credit: 0.5	One Semester	Weighted: N	Bright Futures: C	SUS Admission: C
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The primary content emphasis for this course pertains to the study of the chronological development of the Vietnam War by examining the political, economic, social, religious, military and cultural events that affected the war. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the progression of the war including, but not limited to, an analysis of the United States military effort and makeup in the war, an evaluation of the role of the United States home front, interpretations of the effects of the media, film and literature during and after the war, a judgment of crucial decisions made during the Vietnam War and an analysis of the resulting impact of the conflict.

Will be offered again for the 2025/2026 school year.

## HOLOCAUST HISTORY HONORS (Grades 10 - 12)

2100405

Credit: 0.5	One Semester	Weighted: N	Bright Futures: C	SUS Admission: C
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The purpose of this course is to examine the concept of genocide through the lens of the most documented example in history of a systematic and deliberate attempt by one group of humans to annihilate another. Students will learn the causes, course, and consequences of the Holocaust in addition to the study of other genocidal events, before and after (i.e., Armenia, Rwanda, etc.) to prepare for their future as participating members of a global community.

## HUMANITIES 1 HONORS (Grades 9 – 12)

0900305

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to enable students to examine, understand, and respond to creative efforts of individuals and societies through interdisciplinary study of the arts and their connections to areas such as history, literature, philosophy, and religion from early civilizations to 1500, including ancient Greece and Rome, the Byzantine empire, and medieval European society.

# SOCIAL STUDIES

## INTERNATIONAL RELATIONS 2 HONORS (Grades 10-12)

2106445

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to study the analysis of major approaches to the study of international relations with particular emphasis on key concepts, such as balance of power, collective agreements, and sovereignty and the application of these concepts to major issues of international security, economics, and diplomacy. Content should include, but is not limited to, an analysis and evaluation of contemporary international trade agreements, the role of the United Nations, aligned national groups, and Non-Governmental Organizations in global affairs, a comparison of current political ideologies, foreign policy, and power politics in the post nuclear age, factors that influence relations among nations, such as resources, preservation of the environment, human rights abuses, state sponsored terrorism, ethnic, religious and cultural differences, and access to technology, an analysis of contemporary issues and challenges from a global perspective, an analysis and evaluation of the policy goals and challenges confronting the world's democratic governments, and an investigation of career opportunities available in international relations.

## PERSONAL FINANCE and MONEY MANAGEMENT HONORS\* (Grades 9 – 12)

2102373

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to enable students to explore how personal financial decisions are made; understand how wages and salaries are earned; develop budgets, analyze how interest can be earned by saving now; determine advantages and disadvantages of credit accounts; develop an understanding of planning for the future through investment accounts and retirement plans; and recognize that there are risks that can result in lost income, health, or identity.

## PHILOSOPHY HONORS (GRADES 10-12)

2120910

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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The primary content emphasis for this course pertains to the study of the definition and historical application of philosophy. Content should include, but is not limited to, the study of classical and modern philosophies, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and major figures of social, political and religious philosophies.

Will be offered again for the 2025/2026 school year.

## UNITED STATES GOVERNMENT HONORS\* (Grade 12)

2106320

Credit: 0.5	One Semester	Weighted: Y	Bright Futures: C	SUS Admission: C
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United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society.

## UNITED STATES HISTORY HONORS\* (Grade 11)

2100320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The 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.

## WORLD HISTORY HONORS\* (Grades 9 - 10)

2109320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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World History course consists of the following content area strands: World History, Geography and Humanities. This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America.

# WORLD LANGUAGE

## Chinese Pathway A

For PV Students who began coursework in middle school

Chinese 2  
(Gr. 9)



Chinese 3 Honors  
(Gr. 10)



Chinese 4 Honors  
(Gr. 11)



AP Chinese  
Language &  
Culture  
(Gr. 12)

## Chinese Pathway B

For students new to PV in high school or starting a new language pathway

Chinese 1  
(Gr. 9)



Chinese 2  
(Gr. 10)



Chinese 3 Honors  
(Gr. 11)



Chinese 4 Honors  
(Gr. 12)

## French Pathway A

For PV Students who began coursework in middle school

French 3 Honors  
(Gr. 9)



French 4 Honors  
(Gr. 10)



French 5 Honors  
(Gr. 11)



AP French  
Language &  
Culture  
(Gr. 12)

## French Pathway B

For students new to PV in high school or starting a new language pathway

French 1  
(Gr. 9)



French 2  
(Gr. 10)



French 3 Honors  
(Gr. 11)



French 4 Honors  
(Gr. 12)

## Spanish Pathway A

For PV Students who began coursework in middle school

Spanish 3 Hon  
(Gr. 9)



Spanish 4 Hon  
(Gr. 10)



Spanish 5 Hon  
(Gr. 11)



AP Spanish  
Language &  
Culture  
(Gr. 12)

## Spanish Pathway B

For students new to PV in high school or starting a new language pathway

Spanish 1  
(Gr. 9)



Spanish 2  
(Gr. 10)



Spanish 3 Honors  
(Gr. 11)



Spanish 4 Honors  
(Gr. 12)

## Additional Information

French 1 and Spanish 1 are appropriate for students with no background in the language, as these courses serve as true introductory courses. The pace of these courses is accelerated and cover the content in the respective two-year middle school sequences typically taken at Pine View in grades 6 and 7.

## Graduation Requirements

- 3 credits in the same World Language
- Maintain a 2.5 cumulative unweighted GPA for all CORE classes

# WORLD LANGUAGE

## ADVANCED PLACEMENT CHINESE LANGUAGE & CULTURE *Rigorous*

0711340

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to further develop oral and written fluency in Chinese. The content is specified by the Advance Placement Program guidelines. A student who completes this course will comprehend and respond to spoken and written Chinese in a variety of contexts, describe an event or activity with linguistic accuracy, demonstrate cultural appropriateness, and use critical thinking skills. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Chinese 4 Honors and teacher approval

## ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE *Rigorous*

0701380

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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AP French Language and Culture is a college-level course intended for students as the culmination of their high school French language studies. The three modes of communication (Interpersonal, Interpretive and Presentational) are integral components of the AP course. The six themes of the course explore francophone literature, culture and current events. Students are expected to complete the advanced placement exam at the end of the school year. Many colleges will grant university credits or place students in higher foreign language courses upon successful completion of the AP exam. For detailed information on this topic, please check the College Board website. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** French 4 Honors and teacher approval

## ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE *Rigorous*

0708400

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to further develop oral and written fluency in the target language. The content includes the requirements of the Advanced Placement program guidelines. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Spanish 4 Honors and teacher approval

## ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE *Rigorous*

0708410

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The AP Spanish Literature and Culture course is designed to be comparable to a third year college/university introductory Hispanic literature course. The course introduces students to the formal study of a representative body of texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. The course provides opportunities for students to demonstrate their proficiency in Spanish across the three modes of communication (interpersonal, interpretive, and presentational) and the five goal areas (communication, cultures, connections, comparisons, and communities) outlined in the *Standard for Foreign Language in the 21<sup>st</sup> Century* with special attention to critical reading and analytical writing, historical and literary sensitivity. Students concentrate on developing proficiency in reading and writing in preparation for the AP Spanish Literature and Culture examination. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Spanish 4 Honors and teacher approval

# WORLD LANGUAGE

## CHINESE 1

071130

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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The purpose of this course is to continue to introduce students to the target language and its culture, continuing to build upon what they learned in middle school Chinese. Contents include beginning skills in listening, speaking, reading, writing, typing and special attention to tones and pronunciation. An introduction of grammar is also included.

**Prerequisite:** None (preferably grades 6 - 7 Chinese)

## CHINESE 2

0711310

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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This course reinforces the fundamental skills previously acquired by students in Chinese I. This course develops increase listening, speaking, reading, writing and typing skills, as well as cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective.

**Prerequisite:** Chinese 1

## CHINESE 3 HONORS

0711320

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to master and extend the skills previously acquired by the students in Chinese II. The content includes expansion of vocabulary and conversational skills through discussions based on selected readings. Contemporary vocabulary is stressed through activities imitating the everyday life of Chinese speaking people. This course provides a solid foundation for continuing on to Chinese 4 and AP Chinese Language.

**Prerequisite:** Chinese 2

## CHINESE 4 HONORS

0711330

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to master and extend the skills previously acquired by the students. The content includes more advanced language structures and idiomatic expressions, with an emphasis on conversation skills. Composition skills are enhanced by using correct language structures. Reading selections will vary.

**Prerequisite:** Chinese 3 Honors

## FRENCH 1

0701320

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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The purpose of this course is to continue to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding, building upon what they learned in middle school French. Content includes beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is also included, as well as the fundamentals of grammar.

**Prerequisite:** None (preferably grades 5-7 French or Spanish)



# WORLD LANGUAGE

## FRENCH 2

0701330

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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The purpose of this course is to reinforce the fundamental skills previously acquired. Students develop increased listening, speaking, reading, and writing skills as well as cultural awareness. Reading and writing receive more emphasis, while oral communication remains the primary objective. This course continues the cultural survey of French-speaking people.

**Prerequisite:** French 1

## FRENCH 3 HONORS

0701340

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to master and expand the skills previously acquired by the students. The content includes expansion of everyday vocabulary and conversational skills through group discussions, whole class debates, partner chats and skits. The practice of listening skills will be promoted through the exposure to authentic short films, movie excerpts, podcasts, and music video clips. These authentic media sources along with reading selections will broaden students' familiarity with the francophone culture and literature. In addition, students' acquisition of grammatical concepts as well as their critical thinking skills will be strengthened by the analysis, synthesis, and evaluation activities related to the reading and listening selections. This course provides students with a solid foundation for continuing on to French IV Honors, and AP French Language and Culture. By continuing in the French language program, students will increase their chances to either gain university credits through the AP exam, to place in higher language courses, or to test out of the foreign language requirement.

**Prerequisite:** French 2

## FRENCH 4 HONORS

0701350

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to further expand the skills previously acquired by the students. The content includes more advanced language structures as well as a thorough review of the previously taught grammar. There will be additional growth in everyday and academic vocabulary. Students will continue improving their conversational skills by participating in partner conversations, group discussions, and presentations. The practice of listening skills will be promoted through the exposure to authentic short films, movie excerpts, podcasts, and music video clips. Writing skills will be strengthened through practice in composing blogs, short articles, and stories. Reading selections will broaden familiarity of the francophone culture and literature. This course provides students with a solid foundation for AP French Language and Culture.

**Prerequisite:** French 3 Honors

## FRENCH 5 HONORS *Rigorous*

0701360

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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French 5 expands the skills acquired by students in French 4. Specific content to be covered includes, but is not limited to, developing presentational speaking skills through oral reports on literary and cultural topics, current events, and personal experiences. Reading selections include newspaper and magazine articles, adaptations of short stories and plays, and surveys of target language literature. Interpretive writing is enhanced through compositions using correct language structures.

**Prerequisite:** French 4 Honors

# WORLD LANGUAGE

## SPANISH 1

0708340

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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The purpose of this course is to continue to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding, building upon what they learned in middle school Spanish. The content includes beginning skills in listening and speaking with special attention to pronunciation. An introduction to reading and writing is included, as well as the fundamentals of grammar.

**Prerequisite:** None (preferably grades 6 - 7 Spanish)

## SPANISH 2

0708350

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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The purpose of this course is to reinforce the fundamental skills acquired previously by the students in Spanish I. This course develops increased listening, speaking, reading, and writing skills in the target language, as well as cultural awareness. The content includes an expansion of listening and oral skills. Reading and writing receive more emphasis, while oral communication remains the primary objective. This course continues the cultural survey of Spanish-speaking people.

**Prerequisite:** Spanish 1

## SPANISH 3 HONORS

0708360

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to master and expand the skills acquired previously by the students in Spanish II. The content includes expansion of vocabulary, writing and conversational skills in the target language through discussions based on selected readings. Writing and grammar are key components of this course. Contemporary vocabulary is emphasized through activities imitating the everyday life of Spanish-speaking people. This course provides a solid foundation for continuing on to Spanish 4 Honors and AP Spanish Language and Culture.

**Prerequisite:** Spanish 2

## SPANISH 4 HONORS

0708370

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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The purpose of this course is to extend and apply the skills previously acquired by the students in Spanish III Honors. The content includes more advanced language structures and idiomatic expressions, with emphasis on the development of meaningful conversation in the target language for class discussion. Composition skills are enhanced by using correct language structures and prompts that encourage creative writing. Literary reading selections have been chosen to help the students discover that Spanish and Latin American literature are both wondrous and familiar at the same time. Discussion of current events articles are taken from the target language newspapers, magazines and websites. This course provides students with a solid foundation for AP Spanish Language and Culture and AP Spanish Literature.

**Prerequisite:** Spanish 3 Honors

## SPANISH 5 HONORS *Rigorous*

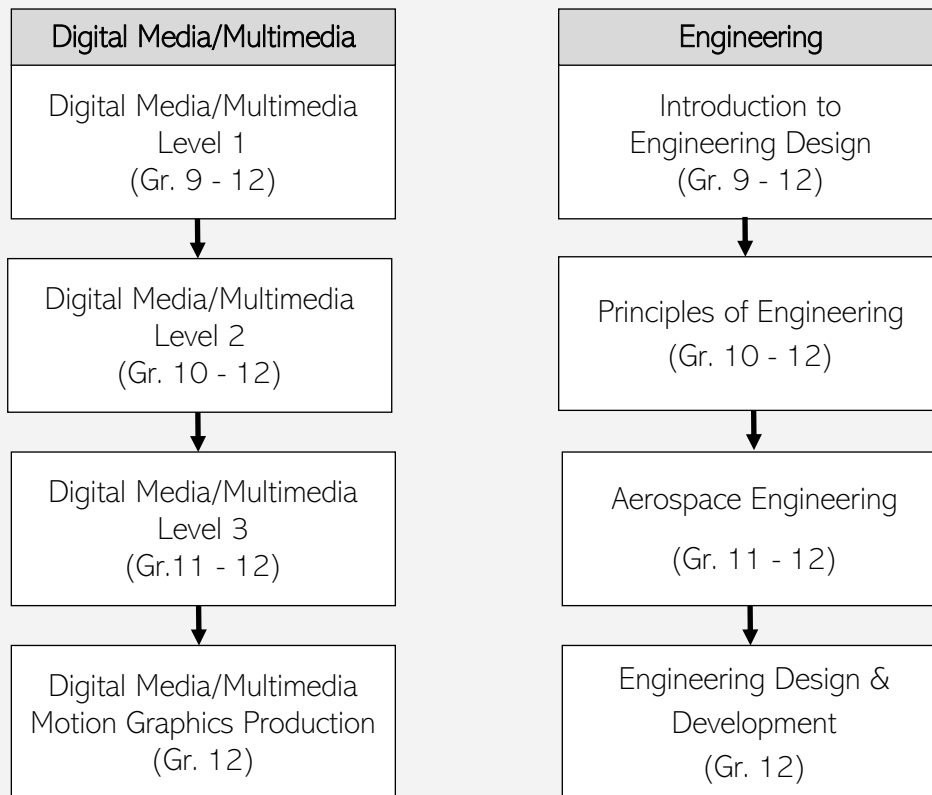
0708380

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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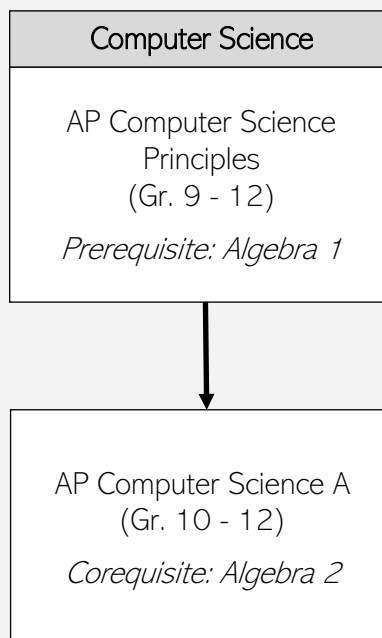
Spanish 5 expands the skills acquired by students in Spanish 4. Specific content to be covered includes, but is not limited to, developing presentational speaking skills through oral reports on literary and cultural topics, current events, and personal experiences. Reading selections include newspaper and magazine articles, adaptations of short stories and plays, and surveys of target language literature. Interpretive writing is enhanced through compositions using correct language structures.

**Prerequisite:** Spanish 4 Honors

# CAREER AND TECHNICAL EDUCATION



# COMPUTER SCIENCE



# CAREER & TECHNICAL EDUCATION

## Digital Media/Multimedia

<b>DIGITAL MEDIA/MULTIMEDIA LEVEL 1: (9-12)</b>	<b>8201210</b>
<b>DIGITAL MEDIA/MULTIMEDIA LEVEL 2: (10-12)</b>	<b>8201220</b>
<b>DIGITAL MEDIA/MULTIMEDIA LEVEL 3: (11-12) Honors <i>Rigorous</i></b>	<b>8201230</b>
<b>DIGITAL MEDIA/MULTIMEDIA MOTION GRAPHICS PRODUCTION: (12) Honors <i>Rigorous</i></b>	<b>8201620</b>

Credit: 1.0 (per course)	Full Year (per course)	Weighted: N -1 & 2 Y - 3 & 4	Bright Futures: N	SUS Admission: N
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The TV Production/Digital Media and Multimedia program represents a planned sequence of instruction comprised of four successive courses. Each course provides opportunities for students to enhance skills in history of television, advance video camera operation, post production skills in graphics, audio, and editing, scriptwriting and storyboarding, culminating in the production of complex video projects. Students will become proficient with the latest Digital studio media equipment, lighting and sound editing.

**Level 1** provides an introduction to presentation production issues, basic computer knowledge, illusion software, digital still photography, and photo editing software. Students may earn Adobe Certified Video Communication with Premiere Pro Industry Certification with a passing score on the Adobe Certification Exam. **Level 2** covers competencies in advanced design, color modes, and fonts. Students may earn Adobe Certified Visual Communication with Photoshop Industry Certification with a passing score on the Adobe Certification exam. **Level 3** emphasizes design layout software, and **Level 4** covers competencies in web page design, HTML and CSS, and software authoring for webpage design.

**Prerequisites:** For Level1, instructor approval needed via signature on course selection card. For Levels 2, 3, and 4, completion of the previous course in the sequence.

Fulfills Career and Technical Credit

Fulfills Practical/Fine Art Credit

# CAREER & TECHNICAL EDUCATION

## Engineering

<b>PLTW ENGINEERING Level 1: INTRODUCTION TO ENGINEERING DESIGN Honors</b>	<b>8600550</b>
<b>PLTW ENGINEERING Level 2: PRINCIPLES OF ENGINEERING Honors</b>	<b>8600520</b>
<b>PLTW ENGINEERING Level 3: AEROSPACE ENGINEERING Honors/<i>Rigorous</i></b>	<b>8600620</b>
<b>PLTW ENGINEERING Level 4: ENGINEERING DESIGN AND DEVELOPMENT Honors/<i>Rigorous</i></b>	<b>8600650</b>

**INTRODUCTION TO ENGINEERING DESIGN - LEVEL 1 Honors** **8600550**

Credit: 1.0	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The first in the four-course series, this foundational course introduces students to the engineering design processes that will be used throughout the program sequence. Students apply Math, Science, ELA, and Engineering standards to design and create hands-on projects. Working individually and collaboratively, students research, analyze real-world problems, and work to design, develop, and defend solutions using specialized 3D Engineering Software and Engineering collection methods.

**Prerequisite:** Program Application with current year Math & Science teachers recommendation for application and program acceptance.

Fulfills Practical/Fine Art Credit

# CAREER & TECHNICAL EDUCATION

## Engineering

### PRINCIPLES OF ENGINEERING – LEVEL 2 HONORS

**8600520**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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This course deepens students understanding of the Engineering field, and the integral role played by Technology in Engineering environments. Students will become immersed in the skills required for the study of Engineering concepts: Mathematics, Science, and Technology. Key engineering topics such mechanisms, energy sources, energy applications, machine control, fluid power, statics, material properties, material testing, statistics, and kinematics will be explored. Students will investigate the real-world implications associated with the social and political consequences of technological change, and explore engineering mechanisms, the strength of structures and materials, automation, and a broad range of Engineering topics. This study will serve as a springboard for sequential PTLW Engineering courses as well as for postsecondary engineering programs. Students will continue developing skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

**Prerequisite:** Introduction to Engineering Design (Level 1-8600550)

Fulfills Practical/Fine Art Credit

### AEROSPACE ENGINEERING – LEVEL 3 HONORS *Rigorous*

**8600620**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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Aerospace Engineering will immerse students in the fundamental concepts of atmospheric and space flight. Students will design airfoils, propulsion systems, and rockets using industry-standard software to create models illustrating orbital mechanics concepts. Students will apply Aerospace Engineering concepts to engage with and understand properties wind turbines, parachutes. Students simulate a progression of operations to explore planets, creating terrain maps using model satellite imaging software, and using the maps to executes missions using autonomous robots.

**Prerequisites:**

PLTW Engineering: Introduction to Engineering Design (Level 1-8600550)

PLTW Engineering: Principles of Engineering (Level 2-8600520)

Fulfills Career and Technical Credit

Fulfills Practical/Fine Art Credit

### ENGINEERING DESIGN AND DEVELOPMENT – LEVEL 4 HONORS *Rigorous*

**8600650**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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This course is intended to serve as a capstone course in the PLTW program sequence. The core skills and knowledge acquired throughout the PLTW Engineering Sequence converge in this final course in the four-part series, Engineering Design and Development. Students work to identify a real-world issue, then using a systematic approach, research, design, test, evaluate, and present and defend a new and innovative solution to the issue. Upon completion of Engineering Design and Development, the last course in the PTLW Engineering Sequence, students are prepared to begin a post-secondary engineering program or embark on a career in the Engineering field.

**Prerequisites:**

PLTW Engineering: Introduction to Engineering Design (Level 1-8600550)

PLTW Engineering: Principles of Engineering (Level 2-8600520)

PLTW Engineering: Aerospace Engineering (Level 3-8600620)

Fulfills Career and Technical Credit

Fulfills Practical/Fine Art Credit

# COMPUTER SCIENCE

## ADVANCED PLACEMENT COMPUTER SCIENCE A (Grades 10 - 12) *Rigorous*

0200320

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: N
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This course follows the description provided by the College Board. The **AP Computer Science A** curriculum is deliberately streamlined with a wide array of computing and STEM-related fields and emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development. The AP Computer Science A course is intended to serve as both an introductory course for computer science majors and as a course for people who will major in other disciplines and want to be informed citizens in today's technological society. It is recommended that students have previously completed or are concurrently enrolled in advanced science (physics) and mathematics courses.

**Prerequisites:** Completion or concurrent enrollment in Algebra 2 and advanced science courses.

## ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (Grades 9 - 12) *Rigorous*

0200335

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: N
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AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. The course focuses on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. The course is organized around seven big ideas: Creativity, Abstraction, Data and Information, Algorithms, Programming, The Internet, and Global Impact.

**Prerequisite:** Algebra 1

# ART

## AP 2-D ART & DESIGN (Grade 12)

*Rigorous*

**0109350**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The instructional goals of the AP 2D Studio Art program can be described as follows: To 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; To encourage students to become independent thinkers who will contribute inventively and critically to their culture through the making of art. AP Art courses address three major concerns that are constants in the teaching of art: 1) A sense of quality in a student's work; 2) the student's concentration on a particular visual interest or problem; and 3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist. AP work should reflect these three areas of concern. Students must complete 24 pieces of art in this course. It is Pine View's expectations that all students enrolled in advanced placement courses register for, and complete the advanced placement exam at the end of the school year.

**Prerequisite:** 2D Studio Art 1 and 2 or Digital Art Imaging Level 1 and 2

## AP 3-D ART & DESIGN (Grade 12) *Rigorous*

**0109360**

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The instructional goals of the AP 3D Studio Art program can be described as follows: To 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; To encourage students to become independent thinkers who will contribute inventively and critically to their culture through the making of art. AP Art courses address three major concerns that are constants in the teaching of art: 1) A sense of quality in a student's work; 2) the student's concentration on a particular visual interest or problem; and 3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist. AP work should reflect these three areas of concern. Students must complete 16 pieces of art in this course. It is Pine View's expectations that all students enrolled in advanced placement courses register for, and complete the advanced placement exam at the end of the school year.

**Prerequisite:** 3D Studio Art 1 and 2 and/or Drawing 1 and 2

## AP DRAWING (Grade 12) *Rigorous*

**0104300**

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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The purpose of this Advanced Placement course is to give an art student the opportunity to develop quality, concentration and breadth in drawing concepts, skills, and techniques. The content should include, but not be limited to, the experiences in the development of perceptual, conceptual, and technical aspects of drawing, painting and/or printmaking. Preparation of the appropriate number of works, digital documentation, and presentation techniques are required in each of three portfolio sections to be evaluated by The College Board. Research analysis, sketchbook/journal, and aesthetic and historical criticism are required for this in-depth study in non-linear thinking. It is Pine View's expectation that all students enrolled in advanced placement courses register for and complete the advanced placement exam at the end of the school year.

**Prerequisite:** 2D Studio 1 and 2

\* Teacher Approval Required

## ADVANCED PLACEMENT ART HISTORY (Grades 10 - 12) *Rigorous*

**0100300**

Credit: 1	Full Year	Weighted: Y	Bright Futures: X	SUS Admission: E
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This course investigates the aesthetic content and historical context of images, icons, monuments, and shelter through analysis and written response about works of art from early times through contemporary art forms. A thematic approach enables students to compare and contrast works of various artists, periods, and styles. Non-Western Art, Sculpture, and Architectural forms are also examined for subject matter, purpose, and artist intent. It is Pine View's expectations that all students enrolled in advanced placement courses register for, and complete the advanced placement exam at the end of the school year.

# ART

## DIGITAL ART IMAGING 1

0108370

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: N
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Students explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still images through the single or combined use of computers, digital cameras, scanners, photo editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

## PORTFOLIO DEVELOPMENT: THREE-DIMENSIONAL DESIGN HONORS (Grades 11-12)

0109330

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in clay, wood, wire, glass, metal, jewelry, fabrics/fibers, fashion design, green design, industrial design, and/or objects for interior design or architecture that integrate 3-dimensional design issues in a purposeful way. Students regularly reflect on aesthetics and art issues individually and as a group and manipulate the structural elements of art and organizational principles of design to create 3-dimensional works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. This course incorporates hands-on activities and consumption of art materials.

**Prerequisite:** 3D Level 1 and 2

## PORTFOLIO DEVELOPMENT: TWO-DIMENSIONAL DESIGN HONORS (Grade 11-12)

0109320

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, mixed media, traditional photography, digital photography, and/or new media and emerging technologies that demonstrate understanding of design principles as applied to a 2-dimensional surface. Students regularly reflect on aesthetics and art issues individually and as a group and manipulate the structural elements of art and organizational principles of design to create 2-dimensional works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. This course incorporates hands-on activities and consumption of art materials.

**Prerequisite:** 2D Studio Art 1 and 2



# ART

## THREE-DIMENSIONAL STUDIO ART 1 (Grades 9-12)

0101330

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Media may include, but are not limited to, clay, wood, plaster, and paper maché 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 3-D 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.

## THREE-DIMENSIONAL STUDIO ART 2 (Grades 10-12)

0101340

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Processes and techniques for substitution include wheel-thrown clay, glaze formulation and application, or extruded, cast, draped, molded, laminated, or soft forms. Media may include, but are not limited to, clay, wood, metal, plaster, paper maché, and plastic with consideration of the workability, durability, cost, and toxicity of the media used. 3-D 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 3-D 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.

**Prerequisite:** 3D Studio Art 1

## TWO-DIMENSIONAL STUDIO ART 1 (Grade 9-12)

0101300

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

## TWO-DIMENSIONAL STUDIO ART 2 (Grade 10-12)

0101310

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. 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.

**Prerequisite:** 2D Studio Art 1

# BAND

## CONCERT BAND

### BAND 3

1302320

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### BAND 4

1302330

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### BAND 5 HONORS *Rigorous*

1302340

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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### BAND 6 HONORS *Rigorous*

1302350

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The purpose of this ensemble is to enable students to further develop technical skills on a wind or percussion instrument through refinement and performance of wind band literature at a high level of difficulty. Emphasis will be placed on an advanced development of skills and interpretation of all aspects of note reading and the employability of musicianship. Content will include technical skills, solo and ensemble techniques, sight reading and ear training. A thorough understanding of music theory will be introduced, along with knowledge of important composers and musicians. Students will explore connections between music and other subject areas and demonstrate responsible participation in music activities. An audition is required before registration for this course can be completed. This course requires students to participate in extra rehearsals and performances beyond the school day. This course is to provide students with instruction in advanced development of technical skills and musicianship on wind and percussion instruments. Courses are taken in sequential order.

**Prerequisite:** By audition and director approval

# BAND

## JAZZ BAND ENSEMBLE

### JAZZ ENSEMBLE 1

1302500

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### JAZZ ENSEMBLE 2

1302510

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### JAZZ ENSEMBLE 3

1302520

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### JAZZ ENSEMBLE 4 HONORS *Rigorous*

1302530

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The purpose of these courses is to enable students to develop skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature. Content includes technical skills, individual and ensemble techniques, performance styles, and jazz idioms, rhythms, and articulation. Improvisation skills are emphasized. Students will compose and arrange as well as analyze literature, and their own and others' performances. Students will study history and the role and influence of jazz and contemporary music and musicians. Students will understand connections between music and other subject areas, as well as responsible participation in music activities. This course requires students to participate in extra rehearsals and performances beyond the school day. This class will give students the opportunity to learn about and perform a variety of jazz styles. Courses are taken in sequential order.

**Prerequisite:** By audition and director's approval

## WIND ENSEMBLE

### INSTRUMENTAL TECHNIQUES 1

1302420

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### INSTRUMENTAL TECHNIQUES 2

1302430

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### INSTRUMENTAL TECHNIQUES 3

1302440

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### INSTRUMENTAL TECHNIQUES 4 HONORS *Rigorous*

1302450

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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This purpose of these courses is to enable students to develop technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Content will include technical skills, individual and ensemble techniques, music literacy, sight reading and ear training. Students will analyze performances, and understand and apply skills in improvisation, composition, and arranging. Students will understand the elements and characteristics of music, and the role and influence of instrumental music and musicians. They will explore connections between music and other subject areas and demonstrate responsible participation in music activities. These courses require students to participate in extra rehearsals and performances beyond the school day. This course is to provide students with instruction in the development of technical skills on wind and percussion instruments. Courses are taken in sequential order.

**Prerequisite:** Director's approval

# CHORUS

## CHORUS - HIGH SCHOOL TREBLE CHOIR

### CHORUS 3

1303320

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### CHORUS 4

1303330

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### CHORUS 5 HONORS *Rigorous*

1303340

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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### CHORUS 6 HONORS *Rigorous*

1303350

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The purpose of these courses is to enable students to develop individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive signing, accurate interpretation of notation, and development of critical and aesthetic response to music. Content includes vocal production, choral performance techniques, music literacy, and sight reading and ear training. Students will understand the elements and characteristics of music, improvisation, composition, and arranging. Students will analyze their own and others' performances and understand the role and influence of choral music and musicians. Connections between music and other subject areas will be made. Responsible participation in music activities is emphasized. This course requires students to participate in extra rehearsals and performances beyond the school day.

**Prerequisite:** Audition and teacher approval. In the event of ties for placement in this select group seniority will be the tie breaker, followed by years in the Pine View Vocal Ensemble. Courses are taken in sequential order.

## VOCAL ENSEMBLE - THE PINE VIEW VOCAL ENSEMBLE

### VOCAL ENSEMBLE 1

1303440

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### VOCAL ENSEMBLE 2

1303450

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### VOCAL ENSEMBLE 3

1303460

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### VOCAL ENSEMBLE 4 HONORS *Rigorous*

1303470

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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The purpose of these courses is to enable students to develop basic performance techniques in a small ensemble setting through the study of varied high school choral literature. Emphasis will be placed on healthy and expressive signing, accurate interpretation of notation, and development of critical and aesthetic response to music. Content includes vocal production, choral performance techniques, music literacy, and sight reading and ear training. Students will understand the elements and characteristics of music, improvisation, composition, and arranging. Students will analyze their own and others' performances and understand the role and influence of choral music and musicians. Connections between music and other subject areas will be made. Responsible participation in music activities is emphasized. This course requires students to participate in extra rehearsals and performances beyond the school day. Courses are taken in sequential order.

**Prerequisite:** Audition and teacher approval

# MUSIC THEORY

## ADVANCED PLACEMENT MUSIC THEORY (Grades 9 - 12) *Rigorous*

1300330

Credit: 1	Full Year	Weighted: Y	Bright Futures: X	SUS Admission: E
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A major component of any college music curriculum is a course introducing the first-year student to musicianship, theory, musical materials, and procedures. Such a course may bear a variety of titles (Basic Musicianship, Elementary Theory, Harmony and Dictation, Structure of Music, etc.). It may emphasize one aspect of music, such as harmony; more often, however, it integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course, although they may be taught as separate classes. The student's ability to read and write musical notation is fundamental to such a course. It is also strongly recommended that the student will have acquired at least basic performance skills in voice or on an instrument.

**Prerequisite:** The ability to read music and teacher recommendation

## MUSIC THEORY 2 HONORS (Grades 9 - 12)

1300310

Credit: 1.0	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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This course will enable students to develop knowledge of basic music structures and elements and their uses in varied music styles and genres. Content will include rhythmic, melodic, and harmonic notation, ear training, sight reading, composition, arranging, improvisation, harmonic structure, analysis of compositional structure and form, and the influence of history and culture upon music composition.

**Prerequisite:** The ability to read music

# ORCHESTRA

## CONCERT ORCHESTRA

### ORCHESTRA 3

1302380

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### ORCHESTRA 4

1302390

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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### ORCHESTRA 5 HONORS *Rigorous*

1302400

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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### ORCHESTRA 6 HONORS *Rigorous*

1302410

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: E
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Students with considerable orchestral experience advance their string and ensemble performance techniques, music literacy, music theory, and aesthetic engagement through high-quality orchestra literature. Student musicians use reflection and problem-solving skills to improve performance significantly based on structural, cultural, and historical understanding of the music. 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. Students in this class may need to obtain (e.g., borrow, rent, purchase) an instrument from an outside source.

**Prerequisite:** Middle School Orchestra 1 and 2 or equivalent private study

**Placement in Chamber Orchestra by audition only.**

### GUITAR 1 (Grades 9-12)

1301320

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, bass lines and lead sheets, barre and power chords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. 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.

### GUITAR 2 (Grades 10-12)

1301330

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, bass lines and lead sheets, barre and power chords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. 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.

**Prerequisite:** Guitar 1

# ORCHESTRA

## GUITAR 3 (Grades 11-12)

1301340

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, bass lines and lead sheets, barre and power chords, foundational music literacy and theory, major scales, simple finger-picking patterns, and ensemble skills for a variety of music. Beginning guitarists explore the careers and music of significant performers in a variety of styles. 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.

**Prerequisite:** Guitar 2

## GUITAR 4 HONORS (Grade 12)

1301350

Credit: 1	Full Year	Weighted: N	Bright Futures: N	SUS Admission: E
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Students with considerable experience broaden their guitar skills and knowledge, adding left- and right-hand techniques and stylistic nuances; work with classical etudes and ensemble performance literature; and become familiar with modes and jazz chords. Guitarists extend their reading and theory skills and add to their knowledge of significant musicians through history. In keeping with the rigor expected in an Honors course, students undertake independent study that includes synthesis of learning and experience. 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

**Prerequisite:** Guitar 3

# OTHER ELECTIVES

## EXTERNSHIP FOR STUDENTS WHO ARE GIFTED (Grade 12)

7965030

Credit: 1	Full Year	Weighted: Y	Bright Futures: N	SUS Admission: N
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The Pine View Senior Externship Experience is a blended 1-credit course designed to prepare students for college and career. This course is comprised of one or two 1-hour classroom sessions each week and completion of 140 Externship hours in a professional setting of the student's choosing. The course is designed to represent the expectations that will be placed upon students in college, careers, and beyond. The Senior Externship Experience is designed to provide students with the opportunity to engage in self-directed career exploration, combined with a classroom experience focused on the transition process from high school to post-secondary and career environments. Parents are encouraged to investigate school insurance options. There is a fee associated with this course.

**Prerequisite:** Own transportation and 4-6 hours per week availability to fulfill externship requirements

## THEATRE 1 (Grades 9 - 12)

0400310

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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This course is designed for students with little or no theatre experience and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art.

## THEATRE 2 (Grades 9 - 12)

0400320

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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This course is designed for students with a year of experience or more and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work.

**Prerequisite:** Theater 1

## THEATRE 3 Honors (Grades 9 - 12) *Rigorous*

0400330

Credit: 1	Full Year	Weighted: N	Bright Futures: C	SUS Admission: C
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This course is designed for students with significant experience and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on aesthetics and issues related to and addressed through theatre, in a progressively more innovative manner. In the third year students develop a working portfolio to demonstrate mastery in various areas and are able to show evidence of structural, historical and cultural knowledge.

**Prerequisite:** Theater 2

## THEATRE 4 Honors (Grades 9 - 12) *Rigorous*

0400340

Credit: 1	Full Year	Weighted: Y	Bright Futures: C	SUS Admission: C
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This course is designed for students with extensive experience in theatre, and promotes significant depth of engagement and lifelong appreciation for theatre through a broad spectrum of primarily self-directed study and performance. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of sophisticated oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

**Prerequisite:** Theater 3



# Planning with Intentionality at PVS

## Planning for High School = Planning for College

### HIGH SCHOOL PLANNING

The pages of this Program of Studies have been carefully reviewed and updated to reflect Pine View's current course offerings and the recommended academic pathways.

The Pine View College & Career Department was established to provide dedicated College and Career Planning support to each student throughout their Pine View High School experience.

With the goal of ensuring that each student satisfies the 26 High School credits required for graduation at Pine View High School, the College and Career Department works to consistently communicate the importance of selecting high school course pathways strategically...with **Intentionality**.

### COLLEGE PLANNING

In addition to the onsite personalized support for students as each begins the College Planning journey, we maintain a robust website to assist students and parents throughout all four years of high school:

**PVSCOLLEGECOUNSELING.COM**

Throughout the next four years, we at Pine View School, want students to know that we are all continually striving to main our Tradition of Excellence, and we stand ready to assist each student in their pursuits.

### RESOURCES

In the pages that follow, we have assembled several Planning Resources to assist students and families in decision-making, and Time-Management processes as high school pathways are considered. We have included tools to plan out which courses might serve each student's goals, which include:

1. Advanced Placement Course Overview
2. Dual Enrollment Course Overview
3. Four-Year High School Planning Template and Sample Progressions
4. Time Budget Worksheets: Daily and Weekly
5. Online Planners and Calendar Tools
6. Resources to Assist Students and Families in High School and College Planning

# Advanced Placement Course Overview

Pine View School - 2024 - 2025

## Intrepreting the Information on the AP Course Comparison Table

<b>Suggested Grade Level</b>	The grade levels represented may pertain to prerequisites.
<b>AP Potential Success Probability</b>	Score calibrated by the AP Score Expectancy Table, found at <a href="https://appotential.collegboard.org">https://appotential.collegboard.org</a>
<b>Typical Assignments &amp; Course Expectations</b>	Assignments listed should be considered typical, however these tasks may vary.
<b>Estimated Weekly HW Hours</b>	Time estimates may fluctuate, and courses could demand more time outside of class than others.

AP Course	Suggested Grade Level	AP Potential Success Probability (80%)	Credit Earned	Typical Assignments & Course Expectations	Estimated Weekly HW (hours)
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### AP ART / AP MUSIC

AP Art History	10,11,12	RW: 630	1	Ntly Reading & Video Notes Regular Ongoing Quizzes/Tests	3
AP Drawing	10,11,12	See Program of Studies	1	5 Digital Images of 5 Works (Synthesis) 15 Digital Images & Process Documentation	6
AP Music Theory	10,11,12	Total: 1250	1	Wkly Notation/Dictation Assessments Wkly Written and Oral Practice/Quizzes	2
AP Studio Art 2D	11,12	See Program of Studies	1	5 Digital Images of 5 Works 15 Digital Images & Process Documentation	3
AP Studio Art 3D	11,12	See Program of Studies	1	10 Digital Images of 5 Works (2 views) 15 Digital Images & Process Documentation	2

### AP CAPSTONE PROGRAM

AP Capstone Seminar	10,11,12	Total: 1020	1	Nightly reading/Wkly Application Exercises Ongoing Projects/Assessments Long-Term Performance Tasks	5
AP Capstone Research	11,12	Total: 1020	1	Nightly reading/Wkly Application Exercises Ongoing Projects/ Assessments Long-Term Performance Tasks	5

### AP COMPUTER SCIENCE

AP Computer Science A	10,11,12	Total: 1300	1	Daily practice/Nightly homework Regular, ongoing assessments	3
AP Computer Science Principles	9,10,11,12	Total: 1160	1	Daily practice/Nightly homework Regular, ongoing assessments	3

### AP ENGLISH

AP English Language & Composition	11,12	RW: 590	1	Wkly LOC and Vocab Quizzes Regular Reading Analyses/Summaries Qtrly book project	3
AP English Litertature & Composition	12	RW: 550	1	Nightly reading/Regular reading checks Wkly vocab quizzes /Qtrly reading project	6

### AP MATH

AP Calculus AB	11,12	Math: 660	1	Ntly Review & Practice Culminating Project 2 Tests per Grading Period/MOCK	5
AP Calculus BC	11, 12	Math: 660	1	Ntly Review & Practice Culminating Project 4 Qrtly Tests/MOCK	8
AP Pre-Calculus	10,11	Math: 660	1	Ntly Review & Practice Culminating Project Qrtly Tests (4) /MOCK	5
AP Statistics	10,11,12	Total: 1260	1	Nightly Practice Problems Monthly Tests/MOCK	2.5

# Advanced Placement Course Overview

Pine View School - 2024 - 2025

AP Course	Suggested Grade Level	AP Potential Success Probability (80%)	Credit Earned	Typical Assignments & Course Expectations	Estimated Weekly HW (hours)
<b>AP SCIENCE</b>					
AP Biology	11,12	Total: 1130	1	Ntly Reading and Review (1-2 sections) Culminating Project	5
AP Chemistry	11,12	Total: 1150	1	Ntly Review & Practice Culminating Project Qrtly Tests (4) /MOCK	5
AP Environmental Science	10,11,12	Total: 1200	1	Wkly Reading, Vocab Study, & Lab 2 Tests/Qtr (2-4 chapters) Midterm/MOCK	3
AP Physics 1	10,11,12	Total: 1350	1	Daily HW and Skills Review	8
AP Physics 2	11,12	Total: 1350	1	Daily HW and Skills Review	8
AP Physics C	11,12	Total: 1390	1	Ntly Review & Practice Culminating Project 4 Tests Per Qtr/MOCK	5
<b>AP SOCIAL STUDIES</b>					
AP Comparative Government	11,12	Total: 1210	0.5	Daily Reading /Wkly AP Classroom Practice Ongoing Country Updates/Projects by Unit Unit Quizzes/Cumulative Midterm/MOCK	5
AP European History	10,11,12	Total: 1200	1	Daily Reading/2-3 Units of Study per Qtr 1 Primary Source Project per Unit/Unit Tests	3
AP Human Geography	9,10,11,12	Total: 1150	1	Daily Reading & Outline Notes Wkly Chapter Quizzes, Current Events Tasks Monthly Unit Tests/Midterm/MOCK	3
AP Macroeconomics	12	Total: 1240	0.5	Wkly AP Classroom Practice Daily Economic Model Practice Unit Quizzes & Qrtly Cumulative Exams Cumulative Midterm/MOCK	2
AP Microeconomics	11,12	Total: 1230	0.5	Wkly AP Classroom Practice Daily Economic Model Practice Unit Quizzes & Qrtly Cumulative Exams Cumulative Midterm/MOCK	3
AP Psychology	12	Total: 1150	1	Weekly Textbook Outline Vocab, Tests (MC/FRQ) Semester Project/MOCK	2
AP U.S. Government & Politics	11	Total: 1260	0.5	Summer Reading Wkly Current Events & Tests	3
AP U.S. History	11	Total: 1190	1	Daily Readings & Notes Qrtly Tests (2) and Projects (1)	5
AP World History	10,11,12	Total: 1080	1	Summer Reading/Wkly Reading Wkly Writing (DBQ, LEQ, SAQ) Monthly Tests, Qrtly Projects/Midterm/MOCK	4
<b>AP WORLD LANGUAGE</b>					
AP Chinese Language & Culture	10,11,12	See Program of Studies	1	Regular Ongoing Assessments by Unit Vocab/Grammar/Expressions Study of Multiple Varied Linguistic Mediums	3
AP French Language & Culture	10,11,12	See Program of Studies	1	Wkly Vocab/Grammar Quizzes Essays & Written Response Assessments	3
AP Spanish Language & Culture	10,11,12	See Program of Studies	1	Wkly Vocab/Grammar Quizzes Essays & Written Response Assessments Writing Analysis	3
AP Spanish Literature & Culture	10,11,12	See Program of Studies	1	Literature Analysis in Context Short Stories, Novels, Poetry, Essays	3

# Dual Enrollment Course Overview

Pine View School - 2024 - 2025

## Important Information Regarding Dual Enrollment Courses at Pine View

<b>Begin with school counselor</b>		Students interested in the Dual Enrollment course offerings at Pine View School should begin by meeting with grade-level counselors.					
<b>Stay attentive to deadlines</b>		Participation in Dual Enrollment courses requires students to abide by specific deadlines set by the USF.					
<b>Know the requirements</b>		Information about the Dual Enrollment Courses offered at Pine View can be found on the Pine View website, under the <i>Resources</i> tab. Please refer to the "USF Dual Enrollment Checklist" for a comprehensive explanation of the steps required.					
Dual Enrollment Course on the Pine View Campus offered through USF	Suggested Grade Level	Credit Earned	Prerequisite	Typical Assignments & Course Expectations	Estimated Weekly HW (hours)	USF Deadline Date	USF Requirements

## English

<b>ENC 1101:</b> Written Communications 1	11	1	English Honors 1 & 2	Daily reading & writing assignments. Regular, ongoing assessments. Long-term papers and projects.	3	May 1st	Successful completion of USF Application
<b>ENC 1102:</b> Written Communications 2	11	1	English Honors 1 & 2; ENC 1101	Daily reading & writing assignments. Regular, ongoing assessments. Long-term papers and projects.	3	May 1st	Successful completion of USF Application
<b>LIT 2000:</b> Introduction to Literature	12	1	ENC 1101 & 1102	Daily reading & writing assignments. Regular, ongoing assessments. Long-term papers and projects.	3	May 1st	Successful completion of USF Application
<b>LIT 2030:</b> Introduction to Poetry	12	1	ENC 1101 & 1102	Daily reading & writing assignments. Regular, ongoing assessments. Long-term papers and projects.	3	May 1st	Successful completion of USF Application

## Science

<b>AST 2002:</b> Descriptive Astronomy	10,11,12	1	Biology 1 Honors & Algebra 1 Honors	Daily reading & note-taking. Long-term research projects. Regular, ongoing assessments.	2	May 1st	Successful completion of USF Application
<b>AST 2004:</b> Stellar Astronomy	10,11,12	1	Biology 1 Honors & Algebra 1 Honors	Daily reading & note-taking. Long-term research projects. Regular, ongoing assessments.	2	May 1st	Successful completion of USF Application

## Math

<b>MAC 2313:</b> Calculus II	11,12	1	USF Eligibility Criteria; Successful Completion of AP Calculus BC	Daily problem-solving practice. Nightly homework. Regular, ongoing assessments.	3	May 1st	Successful completion of USF Application
<b>MAP 2302:</b> Differential Equations	11,12	1	USF Eligibility Criteria; Successful Completion of AP Calculus BC	Daily problem-solving practice. Nightly homework. Regular, ongoing assessments.	3	May 1st	Successful completion of USF Application

# PINE VIEW SCHOOL 4-YEAR PLAN

## EXAMPLE

NAME: \_\_\_\_\_

Subject	Credits	Grade 9	Grade 10	Grade 11	Grade 12
English	(4)*	English 1 Honors*	English 2 Honors*	English 3 Honors	English 4 Honors
		English 1 Honors*	English 2 Honors*	AP Lang & Composition	AP Lit & Composition
		English 1 Honors*	English 2 Honors*	ENC 1101/1102	LIT2000/LIT2030
Math	(4)*				
Alg I in 8th grade		Geometry Honors*	Algebra 2 Honors*	Precalculus Honors	Calculus Honors, AP Statistics
Alg I in 7th grade/Geo in 8th gr		Algebra 2 Honors*	Precalculus Honors	AP Statistics, Calculus Honors	Statistics 2 Honors, AP Calculus AB/BC
		Algebra 2 Honors*	AP Precalculus	AP Calculus AB/BC	DE Calc 3/Diff Eq
Science	(3)*	Biology Honors*	Chem Hon, Physics Hon	AP Physics 1	AP Physics C
		Biology Honors*	Chemistry Honors	Astron Hon, AST2002/2004	AP Enviro Science
		Biology Honors*	Marine Science Honors	Anatomy & Physiology Honors	AP Biology, AP Enviro Science
Biology in 8th grade		Chemistry Honors	AP Chemistry	Chem 2 Honors, AP Biology	Bioscience 2 Honors
Social Studies	(3.5)*	World History Honors*	Personal Financial Literacy*	U.S. History Honors*	U.S. Gov/Econ Honors*
		AP World History	Personal Financial Literacy*	AP U.S. History	AP U.S. Gov/AP Macro
		AP World History	APHUG, Pers Financial Lit	AP U.S. History	AP U.S. Gov/AP Macro
World Language	(3)**	French 3 Honors*	French 4 Honors*	French 5 Honors	AP French Language & Culture
Span 2, French 2, & Chinese 1 taken in 8th grade		Spanish 3 Honors*	Spanish 4 Honors*	Spanish 5 Honors	AP Spanish Language & Culture
		Chinese 2*	Chinese 3 Honors*	Chinese 4 Honors	AP Chinese
Fine, Performing, or Practical Art	(1)*	Art, Orchestra, Band, Guitar, Chorus, Journalism I, Theatre, Music Theory, Engineering, Digital Media			
Electives	(6.5)*	6.5 additional courses to total 26 credits			
Pass one online course (.5 or 1)*		HOPE is recommended as the online class choice			
HOPE	(1)*	If a student participates in 2 seasons of sports at a districted high school, they are eligible for the HOPE Waiver. See guidance for details.			

The above plan is an EXAMPLE of projected pathways.

26 required courses for graduation from Pine View School

All core credits must be taken on the Pine View campus

\*Indicates a specific course required by the State of Florida for graduation

\*\* 3 years of same World Lanugage required for Pine View diploma

Pine View School  
Student Four-Year Educational Plan

STUDENT NAME \_\_\_\_\_

Subject Area	Credit	7/8 grade H.S. Credit	Grade 9 course	Credit	Grade 10 course	Credit	Grade 11 course	Credit	Grade 12 course	Credit
English*	4									
Math*	4									
Personal Financial Literacy	0.5									
Science	3									
Social Studies	3									
World Language	3									
H.O.P.E.	1									
Fine Art	1									
Electives	6.5									
Total Credits	26									

\*ALL STUDENTS MUST **PASS** THE ALGEBRA I EOC AND 10TH GRADE ENGLISH ELA TO GRADUATE

# DAILY PLANNER

TODAY:

6 AM	
7 AM	
8 AM	
9 AM	
10 AM	
11 AM	
12 AM	
1 PM	
2 PM	
3 PM	
4 PM	
5 PM	
6 PM	
7 PM	
8 PM	
9 PM	
10 PM	

## NOTES

<input type="checkbox"/>	
<input type="checkbox"/>	
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## TO-DO

<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

# Weekly Planner

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## Goals for this week

01	
02	
03	
04	
05	
06	
07	

## To do list

01	
02	
03	
04	
05	
06	
07	

## Notes


Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday



# Online Resources

## Calendars, Planners and Time Management Apps

### Online Calendars

In addition to both paper and online planners, there are also online calendars that students can integrate across all devices. Personal preference will determine which version may best serve students; however, all online calendars perform similar functions such as:

- Creating Events
- Setting Reminders
- Color Coding Entries
- Syncing Multiple Devices

#### Google Calendar

Google Calendar can be used on many browsers such as Google Chrome, Firefox, Safari, Edge, and can be downloaded from the App Store and Google Play.

#### Outlook Calendar

Pine View students already have a free Outlook account, so it is easy to begin using Outlook Calendar. Outlook Calendar offers the same options listed above for Google Calendar.

### Time Management Apps



#### MyStudyLife

MyStudyLife is a free app designed specifically with students in mind. This app helps students plan, organize, and structure homework, projects, and tasks. Students can set reminders, and sync planning calendars across all devices.

<https://mystudylife.com>



#### myHomework

This student app is available on available for iPhone, iPad, Windows 10, and Android users from the App Store and Google Play.

<https://myhomeworkapp.com>



#### Power Planner

Power Planner allows students to manage exams, assignments, schedules and tasks online from iPhone, Android, and web browsers.

<https://powerplanner.net>



#### Shovel | Study Planner

Schooly Study Planner is a free online tool and app that tracks student worktime and compares it to their schedule, calculating the amount of time it takes to finish assignments and tasks.

<https://shovelapp.io/>