

# **PINE VIEW SCHOOL**

## **COURSE DESCRIPTION**

### **2014 - 2015**



January, 2014

This Course Code Directory is intended to provide Pine View students and parents with information about the important decisions you will be making regarding course selections. You are urged to review it carefully.

When making course selections please take into consideration the student's overall four year plan; the increased rigor and demands of numbers and types of specific courses and their involvement in extra-curricular activities. Course selections should fit into a well thought-out plan that emphasizes a challenging and worthwhile curriculum over the four years of high school.

Careful consideration should be given to all Advanced Placement classes in Grades 10-12. Advanced Placement courses require intense work and a substantial time commitment. All course selections should be made with the final goal of post-secondary education in mind. If, after reviewing the course code directory, you have additional questions, please contact the Guidance Department for assistance.

Sincerely,

Stephen P. Covert, Ph.D.  
Principal

Art work done by: Ciara Dorsay

# High School Program Planning

## PINE VIEW PROGRAM REQUIREMENTS

The following requirements have been established for Pine View School:

- Students must earn a minimum of 26 credits as approved in Sarasota County School's Student Progression Plan for Pine View. (This includes credits earned in middle school.) Credits needed for graduation for transfer students after Grade 9 will be determined at the time of registration.
- All students in Grades 9-12 must be enrolled in at least 6 classes each semester per year.
- Students must complete through Level III of the same world language.
- Courses successfully completed ( C or higher) may not be repeated through Adult Education or Florida Virtual School.
- Throughout the year, all students in Grades 9-12 must maintain a minimum 2.5 cumulative unweighted GPA for all core classes. Grade point averages are closely monitored to ensure students are eligible for continued placement at Pine View.
- Only in the case of a genuine scheduling conflict, may courses offered at Pine View be taken elsewhere.
- Waivers may be granted only in extenuating circumstances after consultation with parents, teachers, and counselors. The Principal has final approval in determining such waivers.

**Students may not drop a course after drop date, even if an A.P. Course.**

### STATE ASSESSMENT REQUIREMENTS FOR STUDENTS ENTERING GRADE NINE IN 2013-2014

- Students must earn passing scores on the Grade 10 FCAT 2.0 Reading (or scores that are concordant with the passing scores on the Grade 10 FCAT 2.0 Reading). There will be a new ELA assessment for grades 10 & 11. Students will be required to pass both.
- Students must earn a passing score or attain an equivalent score on the Algebra 1, Geometry, and Biology 1 EOC Assessment in order to earn course credit.
- The final grade for U.S. History Honors must include 30 percent of the U.S. History EOC Assessment
- **Please note: Requirements are subject to change**

### ADDITIONAL REQUIREMENTS FOR STUDENTS ENTERING HIGH SCHOOL IN:

- **2013-2014** – EOC is 30% of final grades for: Alg I, Geometry, Alg II, Biology, US History
- **2012-2013**-EOC is 30% of final grades and must be passed for credit for the following subjects: Alg. 1, Geometry, Biology, and American History. Equally rigorous science starts in 2013-14 for entering 9<sup>th</sup> graders, Alg. 2 required, 1 virtual class required. At least one elective must be an AP or DE class. Must pass CC assessment and will be 30% of grade.
- **2011-2012**- Alg. 1- must pass EOC for credit, Geometry- EOC= 30% of final grade, Biology-EOC=30% of final grade, 1 virtual class required

\*subject to change

#### COURSE CREDITS AT A GLANCE

English	4
Mathematics	4
Science (4 highly recommended)	3
Social Studies	3
World Languages	3
Performing Fine Arts	1
H.O.P.E.	1
Electives	7

**Total Credits: 26**

#### LEGEND

**Max Credits 1.0 .05 U-Unlimited**

The maximum number of credits a student can earn for the given course

**Weighted Y-Weighted N-Not Weighted**

**Bright Futures FAS/FMS C-Core N-Not Core**

Course can be used to meet Florida Academic Scholars and Florida Medallion Scholars 15 academic core requirements.

**SUS Admis: E-Elective, C-Core, N-Not Used, P-Pending**

Course applicable toward State University System admissions.

# TABLE OF CONTENTS

	Page
❖ GENERAL INFORMATION -----	
❖ <b>COURSE DESCRIPTIONS:</b>	
❖ Language Arts -----	6
❖ World Languages -----	10
❖ Mathematics -----	15
❖ Science -----	20
❖ Social Studies-----	27
❖ Technology -----	35
❖ Humanities -----	
• Art -----	37
• Orchestra-----	45
• Chorus -----	46
• Music Theory -----	47
• Band -----	48
• Health/Physical Education -----	50
• Other -----	51

# **LANGUAGE ARTS**

## **WORLD LANGUAGES**

# LANGUAGE ARTS

## **ENGLISH I HONORS (Grade 9)**

**1001320**

This course includes instruction in critical thinking, reading, speaking, and vocabulary, listening and writing skills. Composition instruction focuses on using the writing process in creative, logical and critical modes. Formal speaking experiences are provided, and the critical skills of listening and observing are emphasized. Literature studies include the short story, drama, poetry, essay and novel. The study of language includes usage, mechanics, spelling, and other elements of standard written English. The level of discourse in classroom discussion emphasizes analysis, synthesis, and evaluation.

Donation Requested: Approximately \$39.00 for vocabulary workbook and whole works.

Credit: 1.0 Two Semesters Weighted

Weighted: Y

Bright Futures: C

SUS Admission: C

## **ENGLISH II HONORS-WORLD LITERATURE (Grade 10)**

**1001350**

This course includes instruction in universal themes found in literature as well as the critical analysis of various genres in that literature. Composition emphasizes creative, logical, and critical aspects of writing using Standard English. Formal and informal speaking opportunities are provided. Vocabulary study focuses on patterns commonly found on standardized tests. The study of language includes usage, mechanics, spelling, and other elements of standard written English. The level of discourse in classroom discussion emphasizes analysis, synthesis, and evaluation.

**Prerequisite:** Successful completion of English I Honors

Donation Requested: \$12.00 approximately for vocabulary workbook and whole works \$20.00

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **ENGLISH HONORS III (Grade 11)**

**1001380**

This course includes composition instruction with frequent practice in writing multiple-paragraph essays in a variety of types, including literary analysis and a brief documented paper. Literature study includes the written and oral analysis of American literary works representing the ethnic and cultural diversity of the American experience or world cultures. Reference skills and methods of summarizing information are taught. Formal and informal oral communication activities are provided. The study of language includes usage, mechanics, spelling, and other elements of standard written English. The level of discourse in classroom discussion emphasizes analysis, synthesis, and evaluation.

**Prerequisite:** English Honors II

Donation Requested: \$12.00 vocabulary books and \$15.00 for whole works.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# LANGUAGE ARTS

## **ENGLISH HONORS IV- BRITISH LITERATURE (Grade 12)**

**1001410**

This course emphasizes instruction in written and oral analysis of major literary works of various genres from British, American, or world literatures. Selections include fiction, nonfiction, drama, and poetry chosen for their literary and cultural importance. Composition instruction emphasizes formal critical papers that interpret or respond to literary readings. Reference skills and methods of summarizing information are taught in relation to the production of documented papers. Use of electronic media such as desktop publishing, presentation software, or the internet is incorporated in the course. Language study includes usage, mechanics, spelling, and other elements of standard written English, as well as the effect of cultural influences on the development of the English language. The level of discourse in classroom discussion emphasizes analysis, synthesis, and evaluation.

**Prerequisite:** Completion of English Honors III

Donation Requested: approximately \$17.00 vocabulary & Shakespeare book

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **CREATIVE WRITING I (Grades 10 - 12)**

**1009320**

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:** Teacher recommendation

Credit: 0.5 One Semester

Bright Futures: C

SUS Admission: C

## **CREATIVE WRITING II (Grades 10 - 12)**

**1009330**

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:** Teacher recommendation and Creative Writing I

Credit: 0.5 One Semester

Bright Futures: C

SUS Admission: C

## **CREATIVE WRITING III (Grades 11 – 12)**

**1009331**

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 of entering a contest, publishing student work and entering and performing in a public reading.

**Prerequisite:** Completion of Creative Writing I and II and instructor permission.

Credit: 1

Bright Futures: C

SUS Admission: C

# LANGUAGE ARTS

## **ADVANCED PLACEMENT LANGUAGE AND COMPOSITION (Grade 11) 1001420**

The Advanced Placement course in English Language and Composition is a college-level study of language and writing. Students study rhetoric in a variety of genres to analyze how authors use language. The course emphasizes nonfiction and argumentative writing as preparation for taking the national Advanced Placement exam which many colleges use to award college credits. Mature writing skills are necessary for success in this 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.

**Prerequisite:** A/B final grade in 10th grade, Teacher Recommendation, MC Screening, Student Contract, Recommended Critical Reading PSAT score of 55 or higher

Donation Requested: Approximately \$33.00 for books.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **ADVANCED PLACEMENT LITERATURE AND COMPOSITION (Grade 12) 1001430**

The Advanced Placement course in English Literature and Composition is a college-level study of literature and writing. Students learn how to use the modes of discourse and to recognize assumptions underlying various rhetorical strategies. Through reading, discussion, writing, and listening, students engage literary texts through the resources of language, including literary devices. This course prepares students to take the national Advanced Placement exam which many colleges use to award college credits. 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:** AP Language and Composition score of 3 or better and teacher recommendation.

Donation Requested: \$12.00 vocabulary book; approximately \$10.00 for Whole Works.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

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

**1007300**

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.

Credit: .5 One Semester

Bright Futures: N

SUS Admission: E

## **SPEECH II (Grades 10 - 12)**

**1007310**

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 I

Credit: .5 One Semester

Bright Futures: N

SUS Admission: E



# LANGUAGE ARTS

## **JOURNALISM I (Grades 9 - 12)**

**1006300**

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 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, and other practical aspects of journalistic enterprise. One or more student journalistic productions may be included as connected to workshop experiences.

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admission: E

## **JOURNALISM II (Grades 10 - 12)**

**1006310**

This course builds upon foundational aspects of journalism and workshop experiences in journalistic production. The content includes instruction in recognizing and writing news for journalistic media and in developing 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, and other practical aspects of journalistic enterprise. One or more student journalistic productions may be included as connected to workshop experiences.

**Prerequisite:** Journalism I

Credit: 1.0 each Two Semesters each level

Bright Futures: N

SUS Admission: E

## **JOURNALISM III (Grades 10 - 12)**

**1006320**

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. Organization and management techniques relating to journalistic productions are stressed, including leadership skills, record keeping, time management, utilization of personnel, and task organization. Workshop experiences in producing various kinds of journalism are provided.

**Prerequisite:** Journalism I

Credit: 1.0 each Two Semesters

Bright Futures: N

SUS Admission: E

## **JOURNALISM IV (Grades 10 – 12) \***

**1006330**

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 journalistic media. The course provides opportunities to develop proficiency in various forms of journalistic writing using the production of one or more student journalism projects.

\* 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 I

Credit: 1.0 each Two Semesters each level

Bright Futures: N

SUS Admission: E

# WORLD LANGUAGES

## **SPANISH I (Grades 8 - 12)**

**0708340**

The purpose of this course is to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding. 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)

Donation: To be announced (for purchase of a workbook)

Credit: 1.0 Two semesters

Bright Futures: C

SUS Admission: C

## **SPANISH II**

**0708350**

The purpose of this course is to reinforce the fundamental skills acquired previously by the students. This course develops increased listening, speaking, reading, and writing skills 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 I

Donation Requested: TBA

Credit: 1.0 Two Semesters

Bright Futures: C

SUS Admission: C

## **SPANISH III HONORS**

**0708360**

The purpose of this course is to master and expand the skills acquired previously by the students. The content includes expansion of vocabulary, writing and conversational skills 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.

**Prerequisite:** Spanish II

Donation Requested: TBA

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **SPANISH IV HONORS**

**0708370**

The purpose of this course is to extend the skills previously acquired by the students. The content includes more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Composition skills are enhanced by using correct language structures. Reading selections vary.

**Prerequisite:** Spanish III

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# WORLD LANGUAGES

## AP SPANISH LANGUAGE

0708400

The purpose of this course is to develop oral and written fluency in the 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:** An A average in Spanish IV, an 85% on the Spanish IV Final Exam (which will assess reading, writing, listening and speaking), a 60% on the National Spanish Exam (NSE). If a student does not meet one of the above criteria, he or she can still get into the class by taking an AP Preparedness Evaluation (based on the standards listed on the College Board website)

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## CHINESE I (Grades 8 - 12)

0711300

The purpose of this course is to introduce students to the target language and its culture. Contents include beginning skills in listening, speaking, reading, and special attention to tones and pronunciation. An introduction of grammar is also included, as well as reading and writing.

Donation Requested: TBA

Credit: 1.0 Two Semesters

Bright Futures: C

SUS Admission: C

## CHINESE II (Grades 9 – 12)

0711310

This course reinforces the fundamental skills previously acquired by students of Chinese I. This course develops 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.

**Prerequisite:** Students should have a solid background in Chinese I and teacher recommendation.

Donation Requested: TBA

Credit: 1.0 Two Semesters

Bright Futures: C

SUS Admission: C

## CHINESE III

0711320

The purpose of this course is to master and extend the skills previously acquired by the students. 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.

**Prerequisite:** Chinese II

Requested Donation: TBA

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# WORLD LANGUAGES

## CHINESE IV

0711330

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 III

Requested Donation: TBA

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## CHINESE V

0711335

The purpose of this course is to develop oral and written fluency in the language. The content includes more advanced vocabulary, language structure and idiomatic expression. There will be additional growth in vocabulary for practical purposes including writing. A review of classical literature will be added to the course.

**Prerequisite:** Chinese IV

Donation Requested: TBA

Credit: 1.0

Weighted: Y

Bright Futures: C

SUS Admission: C

## AP CHINESE LANGUAGE

0711340

The purpose of this course is to 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 IV and teacher approval

Donation Requested: TBA

Credit: 1.0

Weighted: Y

Bright Futures: C

SUS Admission: C

## FRENCH I (Grades 8 - 12)

0701320

The purpose of this course is to introduce students to the target language and its culture and to develop communicative skills and cross-cultural understanding. 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:** (preferably grades 5 - 7 French or Spanish)

Donation: To be announced for National French Test

Credit: 1.0 Two semesters

Bright Futures: C

SUS Admission: C

# WORLD LANGUAGES

## **FRENCH II**

**0701330**

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 I

Donation Requested: TBA

Credit: 1.0 Two Semesters

Bright Futures: C

SUS Admission: C

## **FRENCH III HONORS**

**0701340**

The purpose of this course is to master and expand the skills previously acquired by the students. The content includes expansion of vocabulary and conversational skills through discussions based on selected readings. Students' acquisition of grammatical concepts is strengthened by analyzing reading selections. Contemporary vocabulary is stressed through activities imitating the everyday life of French-speaking people.

**Prerequisite:** French II

Requested Donation: TBA

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **FRENCH IV HONORS**

**0701350**

The purpose of this course is to further expand the skills previously acquired by the students. The content includes more advanced language structures and idiomatic expressions, with an emphasis on conversational skills. There will be additional growth in vocabulary for practical purposes including writing. Reading selections will vary.

**Prerequisite:** French III

Donation Requested: TBA

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **AP FRENCH LANGUAGE AND CULTURE**

**0701380**

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.

**Prerequisite:** French IV and teacher approval

Donation Requested: TBA

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

**MATHEMATICS**

**SCIENCE**

# MATHEMATICS

## **ALGEBRA I HONORS (Grades 7 - 9)**

**1200320**

The purpose of this course is to build the foundation for future study in mathematics. One major objective is to deepen and extend the student's understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students also engage in methods for analyzing, solving, and using quadratic functions. Other topics include algebraic expressions and polynomials, solution strategies for inequalities, systems of equations, and set theory. Graphing calculators serve as instructional tools in concept development. All students will take the Florida End-of-Course Assessment. Middle-school students and their parents should anticipate a rigorous and demanding course, as it is likely to be the student's first for high-school credit.

**Prerequisites include**, but are not limited to, the following data from Course 3: test average, course average, IOWA test results, attendance.

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

## **GEOMETRY HONORS (Grades 8 - 10)**

**1206320**

The fundamental purpose of the course is to formalize and extend students' geometric experiences from earlier grades. Students explore complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Topics and concepts include congruence, similarity, trigonometry, measurement, the coordinate plane, matrices, polygons, circles, and spheres. Graphing calculators serve as instructional tools in concept development. All students will take the Florida End-of-Course Assessment.

**Prerequisite:** Algebra I Honors

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

## **ALGEBRA II HONORS (Grades 9 - 11)**

**1200340**

Building on their work with linear, quadratic, and exponential functions, 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. Other topics include trigonometry, conic sections, sequences and series. Graphing calculators serve as instructional tools in concept development.

**Prerequisite:** Geometry Honors

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

# MATHEMATICS

## **PRECALCULUS HONORS (Grades 10 - 12)**

**1202340**

This course includes the study of trigonometric and circular functions and their applications. Topics include trigonometric identities, graphs of trigonometric functions, inverses, equations and solutions of triangles. A major objective is to help students recognize relationships among topics of algebra, geometry, and trigonometry and use these relationships to prepare for calculus. Additional topics include graphs, curve sketching, vectors, the conic sections, including translation of axes, equations and graphs of curves on polar form, analytic proofs, and parametric equations. Graphing calculators serve as instructional tools in concept development.

**Prerequisite:** Algebra II Honors

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

## **DE PRECALCULUS ALGEBRA (Grades 10 - 12)**

**MAC 1140**

Topics include the study of the following functions: polynomial, rational, radical, absolute value, exponential and logarithmic. An emphasis will be placed on solving applications by mathematical modeling. Other topics include matrices and systems of equations and inequalities. Use of a graphing calculator is integrated throughout this course. This is a State College of Florida (SCF) course taught on the Pine View campus. Successful students will earn 3 hours of college credit which may be transferred to any public college or university in Florida.

**Prerequisite:** Algebra II Honors and one of the following:

- an ACT Math score of 23+
- an SAT Math score of 560+
- a CPT\* College Level Math score of 51+ (\*given free of charge at SCF Bradenton and Venice campuses, by appointment)

Credit: 1.0

One Semester

Weighted: Y

## **DE TRIGONOMETRY (Grades 10 - 12)**

**MAC 1114**

Topics include the study of trigonometric functions and applications, analytic trigonometry, vectors, trigonometric form of complex numbers, parametric equations and polar coordinates and equations and conic sections. Use of a graphing calculator is integrated throughout this course. This is a State College of Florida (SCF) course taught on the Pine View campus. Successful students will earn 3 hours of college credit which may be transferred to any public college or university in Florida.

**Prerequisite:** Algebra II Honors and one of the following:

- an ACT Math score of 23+
- an SAT Math score of 560+
- a CPT\* College Level Math score of 51+ (\*given free of charge at SCF Bradenton and Venice campuses, by appointment)

Credit: 1.0

One Semester

Weighted: Y



# MATHEMATICS

## **CALCULUS HONORS (Grades 11 - 12)**

**1202300**

This course is designed to help prepare college-bound students for higher level courses in mathematics, physical, biological and medical sciences, economics, and engineering. The content includes elementary functions, limits and continuity, differentiation, integrations, mathematical modeling and applications of the calculus to a wide variety of subject areas and real-world problems. Calculators and computers serve as instructional tools in concept development. *Students who complete Calculus Honors may not subsequently enroll in Advanced Placement Calculus (AB or BC).*

**Prerequisite:** One of the following:

- Precalculus Honors
- Dual Enrollment Precalculus Algebra and Dual Enrollment Trigonometry

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

## **ADVANCED PLACEMENT CALCULUS AB**

**1202310**

## **ADVANCED PLACEMENT CALCULUS BC**

**1202320**

### **(Grades 11 - 12)**

Calculus AB and Calculus BC emphasize a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Both courses represent college-level mathematics for which most colleges grant advanced placement and/or credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. Calculators and computers will serve as instructional tools in concept development. All students are expected to register for and complete the advanced placement exam. *Students who complete Calculus AB may not subsequently enroll in Calculus BC.*

**Prerequisite for AB:** One of the following:

- Grade of B or higher in Precalculus Honors **and** PSAT quantitative reasoning score of 56+
- Grade of B or higher in Dual Enrollment Precalculus Algebra **and** Dual Enrollment Trigonometry

**Prerequisite for BC:** Pine View calculus placement test score 10+, PSAT quantitative reasoning score of 65+, and grade of A in one of the following:

- Precalculus Honors
- Dual Enrollment Precalculus Algebra **and** Dual Enrollment Trigonometry

**Prerequisite for both courses:** signature of Mr. Nezelek

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

# MATHEMATICS

## **ADVANCED PLACEMENT STATISTICS (Grades 10 - 12)**

**1210320**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Topics include 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. Calculators and computers serve as instructional tools in concept development. All students are expected to register for and complete the advanced placement exam.

**Prerequisite:** All of the following:

- PSAT selection index (total score) 165+
- B or higher in current math and English classes
- Signature of Mr. Nezelek

**Corequisite:** One of the following:

- Precalculus Honors
- Dual Enrollment Precalculus Algebra and Dual Enrollment Trigonometry

Credit: 1.0

Two Semesters

Weighted: Y

SUS Admission: C

## **DE CALCULUS WITH ANALYTIC GEOMETRY III (Grade 12)**

**MAC 2313**

This course covers the areas of vector calculus and multivariable calculus and a wide range of applications. Topics include: vectors and the geometry of space; dot and cross products, applications to 3-space geometry, surfaces in space, cylindrical and spherical coordinates, vector-valued functions and calculus, tangent lines and normal vectors in 3-space, arc length and curvature, applications to dynamics, limits and continuity, partial differentiation, maxima, minima and saddle points, Lagrange multipliers, double triple, line and surface integrals, conservative vector fields, Green's Theorem. Technology will be used for computation and to aid understanding. This is a State College of Florida (SCF) course taught on the Pine View campus. Successful students will earn 3 hours of college credit which may be transferred to any public college or university in Florida.

**Prerequisite:** Minimum score of 4 in AP Calculus BC

Credit: 1.0

One Semester

Weighted: Y

# MATHEMATICS

## DUAL ENROLLMENT DIFFERENTIAL EQUATIONS

MAP 2302

### (Grade 12)

This course covers methods for the solution of ordinary differential equations with and without constant coefficients. Their study is accompanied by a wide variety of applications as well as solutions of certain classical differential equations. A substantial part of the course covers the Laplace Transform and its use to solve dynamical systems. Topics include: ordinary versus partial differential equations; homogeneous and non-homogeneous equations, complementary functions and particular integrals; linear equations with constant coefficients; power series method; Laplace Transforms and inverse Laplace Transforms; solutions of systems of linear differential equations; the use of the Gauss-Jordan algorithm; numerical solutions. Technology will be used to aid understanding of these topics. This is a State College of Florida (SCF) course taught on the Pine View campus. Successful students will earn 3 hours of college credit which may be transferred to any public college or university in Florida.

**Prerequisite:** Minimum score of 4 in AP Calculus BC

Credit: 1.0

One Semester

Weighted: Y

# SCIENCE

## **BIOLOGY I HONORS (Grade 9)**

**2000320**

This advanced course provides integrated laboratory experiences and real-life applications in the essential processes of life. The content includes 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.

Donation Requested: \$15.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **ADVANCED PLACEMENT BIOLOGY (Grades 11 - 12)**

**2000340**

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. A mandatory extended lab session one day per week and an end of year AP Biology exam are required. 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. Purchase of an approved laboratory notebook is required.

**Prerequisite:** PSAT score of at least 56 or higher; completion of Algebra I Honors and Chemistry I Honors with a grade of A or B; Students must pass Biology I Honors Lab final to demonstrate mastery of lab safety protocols.

Donation Requested: \$10.00

Credit: 1.0 Two Semesters

Bright Futures: C

SUS Admission: C

# SCIENCE

## **ANATOMY AND PHYSIOLOGY HONORS (Grade 12)**

**2000360**

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 the 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. **(Dissections are Mandatory)** 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.

**Prerequisite:** Completion of Biology and Chemistry It is suggested this course be taken concurrently with AP Biology.

Donation Requested: \$15.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **MARINE SCIENCE I HONORS (Grades 10 - 12)**

**2002510**

This advanced course provides an in-depth study of the physical, chemical, and biological aspects of the marine environment. The content includes the origins of the oceans, marine geological studies, ecology of the sea zones, diversity of marine organisms, characteristics of the major marine ecosystems including the phyla and divisions, 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. A three or four day trip to Newfound Harbor Marine Institute in the Florida Keys, to study the coral reef ecosystem, is optional, but highly recommended. The cost of this trip is approximately \$600.00.

**Prerequisite:** Biology and Chemistry or may be taking Chemistry concurrently.

Donation Requested: \$15.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **ASTRONOMY HONORS (Grades 10 - 12)**

**2020910**

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. It will also be offered as a Dual Enrollment option. Students who apply and qualify for the State College of Florida may take second semester for college credit.

PLEASE NOTE: Students who do not qualify for Chemistry I Honors due to lack of math requirements will be placed in Astronomy in 10<sup>th</sup> grade and will take Chemistry I Honors in 11<sup>th</sup> grade once they have the math requirements

Donation Requested: \$10.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# SCIENCE

## **CHEMISTRY I HONORS (Grade 10)**

**2003350**

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.

PLEASE NOTE: Students who do not qualify for Chemistry I Honors due to lack of math requirements will be placed in Astronomy in 10<sup>th</sup> grade and will take Chemistry I Honors in 11<sup>th</sup> grade once they have the math requirements.

**Prerequisite:** Completion of Biology I Honors, and completion of Algebra II and/or concurrent Algebra II  
Donation Requested: \$10.00 lab  
Credit: 1.0 Two Semesters  
Weighted: Y  
Bright Futures: C  
SUS Admission: C

## **CHEMISTRY II ORGANIC CHEMISTRY (Grade 12)**

**2003360**

This course expands and applies chemical concepts introduced in Chemistry I/Chemistry I Honors. 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:** Completion of Chemistry I Honors with a grade of 85 or higher, pre/co-requisite AP Chemistry, and/or instructor approval. Sections are limited. Priority is given to students who have had previous success in AP Science courses.

Donation Requested: \$10.00 lab  
Credit: 1.0 Two Semesters  
Weighted: Y  
Bright Futures: C  
SUS Admission: C

# SCIENCE

## **ADVANCED PLACEMENT CHEMISTRY (Grades 11 - 12)**

**2003370**

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:** Completion of Chemistry I Honors with a minimum grade of 85 and completion of Algebra II Honors with a minimum grade of 80. A minimum score of 60 on PSAT math and co-requisite enrollment in PreCalculus is required

Donation Requested: \$10.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **PHYSICS I HONORS (Grades 10 - 12)**

**2003390**

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.

**Co-requisite:** Pre-Calculus

Donation Requested: \$10.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **PHYSICS II HONORS (Grades 11 - 12)**

**2003410**

This course is an advanced Physics course that expands and applies physics concepts introduced in earlier Physics courses. It is a full year with the first semester being Modern and Nuclear Physics and the second semester being Applied Physics through Robotics. Selected lab investigations include the use of the process of science, measurements, laboratory apparatus and safety. **\*\*THIS COURSE WILL NOT BE OFFERED 2014-2015\*\***

**Prerequisite:** Either AP Physics B or C with a grade of 85% or above; excellent attendance and teacher recommendation/approval by Mr. Percival.

Donation Requested: \$10.00

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# SCIENCE

## AP PHYSICS 1 (Grade 12)

TBD

PLEASE NOTE THE FOLLOWING:

- AP Physic B will be changed AP Physics 1 and AP Physics 2 beginning with the 2014-2015 school year
- Only AP Physics I will be offered 2014-2015 school year since it will begin the program. No one can take AP Physics 2 without first taking AP Physics I.

This college-level course in physics seeks to prepare students for credit and/or appropriate placement in college physics courses. The content includes kinematics, Newton's Laws of Motion, work energy, power, systems of particles, statics, rotational motion, oscillations, gravitation, electric current and circuits, capacitance and capacitors, magnetostatics, and electromagnetism. Laboratory investigations of selected topics include the use of the scientific method, measurement, laboratory apparatus, and safety. 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:** PSAT math score of 66 and A (or high B) in Physics I Honors. Completion of Algebra 2 with a grade of 80% or higher. AP Physics Instructor approval required.

Donation Requested: \$10.00 lab

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## AP PHYSICS C (Grade 12)

2003430

1<sup>st</sup> semester: Mechanics

2<sup>nd</sup> semester: Electricity and Magnetism

This sequence is more intensive and analytic than that in AP Physics B course. In both subjects Calculus is used freely in formulating principles and in solving problems. Students planning to specialize in a physical science or in engineering should take this course. Labs will be 20% of instructional time. 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:** Score of 4 or better in AP Calculus BC, 4 or 5 in AB, must have high PSAT score of 190 or greater and/or instructor approval.

Donation Requested: \$10.00

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C



# SCIENCE

## **ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (GRADES 11-12) 2001380**

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. Laboratory investigation of selected topics includes the use of the scientific method, measurement, laboratory apparatus, and safety. 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 and/or AP ES prep book are highly recommended.

**Prerequisite:** PSAT reading score of at least 56 or higher; completion of Algebra I Honors and Biology I Honors and Chemistry Honors with a grade of A or B..

Donation Requested: \$15.00

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# **SOCIAL STUDIES**

# **TECHNOLOGY**

# SOCIAL STUDIES

## **WORLD HISTORY HONORS (Grade 9)**

**2109320**

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will 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.

Credit 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

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

**2100320**

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will 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.

**Prerequisite:** None

Credit 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **AP UNITED STATES HISTORY (Grade 11)**

**2100330**

The new AP US History course, redesigned by the College Board, will be implemented in the 2014-2015 academic year. While 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. Students will have the opportunity to explore specific topics in much greater depth than before the course was redesigned, and to be exposed to varied historical interpretations. This course will continue to require strong reading skills and a dedication to reading the assigned historical works.

**Prerequisite:** A or B in previous Social Studies classes. AP World History or AP European History recommended. Writing samples and instructor approval.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# SOCIAL STUDIES

## **ECONOMICS WITH FINANCIAL LITERACY HONORS (Grade 12)**

**2102345**

The purpose of this course is to provide students with the knowledge and decision-making tools necessary for understanding how society organizes its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

**Prerequisite:** None  
Credit 0.5      One Semester  
Weighted: Y  
Bright Futures: C  
SUS Admission: C

## **AP MICROECONOMICS (Grades 11 - 12)**

**2102360**

The purpose of this course is to enable students with the opportunity to analyze the behavior of individual households, firms, markets, and how prices and outputs are determined in those markets, and how the price mechanism allocates resources and distributes income. 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. Understanding of Micro Graphs is absolutely necessary. It is Pine View's expectations that all students enrolled in advanced placement courses register for, attend 5 review sessions and complete the advanced placement exam at the end of the school year. Students must attend 5 review sessions.

**Prerequisite:** Permission of Instructor, Math PSAT of 80<sup>th</sup> percentile and above  
Credit: 0.5      One Semester  
Weighted: Y  
Bright Futures: C  
SUS Admission: C

## **AP MACROECONOMICS (Grade 12)**

**2102370**

The purpose of this course is to enable students the opportunity to analyze the functioning of the economy as a whole, including total output and income, level of employment, the level of prices, and the determinants of aggregate supply and demand. 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. It is Pine View's expectations that all students enrolled in advanced placement courses register for, attend 5 review sessions and complete the advanced placement exam at the end of the school year.

**Prerequisite:** Permission of Instructor, and completion of Pre-Calculus. PSAT Math at a minimum of 78<sup>th</sup> percentile.

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

## **US GOVERNMENT HONORS (Grade 12)**

**2106320**

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

**Prerequisite:** None  
Credit 0.5      One Semester  
Weighted: Y  
Bright Futures: C  
SUS Admission: C

# SOCIAL STUDIES

## **AP U.S. GOVERNMENT AND POLITICS (Grade 12)**

**2106420**

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 expectations that all students enrolled in advanced placement courses register for, and complete the advanced placement exam at the end of the school year.

**Prerequisites:** Permission of Instructor, successful completion of a previous AP Social Studies course in grades 10 or 11. Must have a 3.0 unweighted GPA, and a minimum PSAT score of 56.

Credit 0.5      One Semester

Weighted: Y

Bright Futures: C

SUS Admission: C

## **AP WORLD HISTORY (Grades 10 - 12)**

**2109420**

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 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:** Permission of instructor and A or B in World History

Credit: 1.0      Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **AP EUROPEAN HISTORY (Grades 10 - 12)**

**2109380**

The purpose of this course is to learn 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 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:** Permission of Current Instructor

Credit 1.0      Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

# SOCIAL STUDIES

## **AP COMPARATIVE GOVERNMENT (Grades 11 - 12)**

**2106430**

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 requirement for government 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.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2015-16

**Prerequisites:** 80<sup>th</sup> percentile in Critical Reading and Writing in PSAT; Permission of Instructor, successful completion of a previous AP Social Studies course (Grade 10 or 11). A or B in previous Social Studies classes.

Credit 0.5      One Semester

Weighted: Y

Bright Futures: Y

SUS Admissions: C

## **AP HUMAN GEOGRAPHY (Grades 10 - 12)**

**2103400**

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 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:** Permission of Instructor and A or B in previous Social Studies classes. Minimum PSAT score required. See instructor.

Credit: 1.0      Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **PSYCHOLOGY I (Grades 10 - 12)**

**2107300**

The purpose of this course is to provide students an understanding of human behavior, behavioral interaction, and the progressive development of individuals. This course, together with the second semester Psychology II, offers an introduction to the exciting and ever-changing discipline of Psychology. The goal of this course is to provide students with a solid working knowledge of the important theories, personalities, terms and concepts in this fascinating field. Students will learn how psychologists conduct and apply research in order to gain insights into human behavior, and how psychological theories can be used to help understand behavior and judgments in everyday life. Course content will include an examination of biological and genetic bases for behavior, human growth and development, sensation and perception, altered states of consciousness, learning, and memory.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2015-16

Credit 0.5      One Semester

Bright Futures: C

SUS Admission: C

# SOCIAL STUDIES

## **PSYCHOLOGY II (Grades 10 - 12)**

**2107310**

The purpose of this course is to allow students to expand their awareness of areas of psychology. The goal of this course is to provide students with a solid working knowledge of the important theories, personalities, terms and concepts related to human behavior. Content will include an examination of human thought, language, motivation and emotion, stress and conflict, personality and behavior, abnormal behavior and treatment, and social psychology.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2015-16

**Prerequisite:** Psychology I

Credit 0.5 One Semester

Bright Futures: C

SUS Admission: C

## **AP PSYCHOLOGY (Grades 11 - 12)**

**2107350**

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, states of 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.

**Prerequisite:** Permission of current Social Studies teacher. Interview with the course instructor.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: C

SUS Admission: C

## **WOMEN'S STUDIES (Grades 10 – 12)**

**2104340**

The purpose of this course is to enable students to develop a basic understanding of women throughout history, of individual women who have shaped history and the world today, and of contemporary issues that impact the lives of women today. The Social Studies Disciplines included in this course are American and World History, Economics, Sociology and Psychology.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2014-15

Credit: 0.5 One Semester

Weighted: N

Bright Futures: N

## **SOCIOLOGY (Grades 10 – 12)**

**2108300**

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2014-15

Credit: 0.5 One Semester

Weighted: N

Bright Futures: N

# SOCIAL STUDIES

## **ANTHROPOLOGY HONORS (Grades 10 - 12)**

**2120710**

Anthropology focuses on the study of human origins and cultural diversity. Students will examine a variety of human societies to understand the integration and organization of culture and the extent of human creativity.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2014-15

Credit 0.5 One Semester

Weighted: Y

Bright Futures: Y

SUS Admission: Y

## **WORLD RELIGIONS (Grades 10 - 12)**

**2105310**

Through the study of world religions, students will acquire an understanding of the way people in various cultures satisfy their spiritual needs. Students learn about the place of religion in culture, the importance that has been attached to religion in peoples' lives and the relationship between religion and other social institutions. Content will include but will not be limited to study about the sources of religion, the basis for peoples' religious beliefs, and the major living religious traditions and practices such as Buddhism, Christianity, Hinduism, Islam, and Judaism.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2014-15

**Prerequisite:** None

Credit 0.5 One Semester

Bright Futures: C

SUS Admission: C

## **LAW STUDIES (Grades 10 - 12)**

**2106350**

The purpose of this course is to provide students an understanding of the American legal process. Content will include historical antecedents for law, constitutional guarantees, different kinds of laws, adult and juvenile justice systems, the value of law in society, the role of law enforcement officials, the importance of the adversarial relationship, social values and their impact on interpretations of the law, and the supremacy of the Constitution.

Credit: 0.5 One Semester

Bright Futures: C

SUS Admission: C

## **HISTORY OF THE VIETNAM WAR (Grades 11 - 12)**

**2100400**

The class is a study of US in Vietnam from the fall of Dien Bien Phu to the fall of Saigon, In addition to military involvement and related domestic reactions, special emphasis will be placed on media's role during the war, subsequent portrayals in American literature and film, and the war's lasting impact.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2015-16

**Prerequisite:** This class is elective class open only to Seniors

Credit: 0.5 One Semester

Weighted: Y

Bright Futures: Y

SUS Admissions: C



# SOCIAL STUDIES

## **PHILOSOPHY Honors (Grades 11 - 12)**

**2120910**

The purpose of this course is to enable students to explore the foundations of philosophy through a historical exploration of the great thinkers. The course will focus on the definition and application of philosophy, appropriate vocabulary, and the notion that everyone should be engaged in the 'doing' of philosophy.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2014-15

Credit 0.5      One Semester

Weighted: Y

Bright Futures: C

SUS Admission: C

## **HOLOCAUST (Grades 10 - 12)**

**2109430**

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.

Credit: 0.5      One Semester

Bright Futures: C

SUS Admission: C

## **GLOBAL STUDIES (Grades 10 - 12)**

**2104320**

The purpose of this course is to provide students with the knowledge, skills, and attitudes that are necessary for them to meet their responsibilities as citizens of their community, state, and nation in an increasingly interdependent and complex global society.

Credit: 0.5      One Semester

Weighted: N

Bright Futures: C

SUS Admission: C

# TECHNOLOGY

## **TV PRODUCTION/DIGITAL MEDIA/MULTIMEDIA LEVEL I**

**8201210**

## **TV PRODUCTION/DIGITAL MEDIA/MULTIMEDIA LEVEL II**

**8201220**

These course(s) are a sequence of courses that provides coherent and rigorous content aligned with A/V Technology and Communication. These course(s) provide 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; and skills in direction and production of video projects. Become proficient with the latest TV Studio equipment such as the Tricaster, lighting effects, and sound systems.

### ***PROGRAM STRUCTURE***

This program is a planned sequence of instruction consisting of four courses:

TV Production/Digital Media/Multimedia Level I- 8201210

TV Production/Digital Media/Multimedia Level II- 8201220

TV Production/Digital Media/Multimedia Level III- 8201230 (offered 2015-16)

TV Production/Digital Media/Multimedia Level IV- 8201240 (offered 2016-17)

Credit: 1.0 Two Semesters

Career and Technical Credit: Yes

SUS Admission: E

Level II Prerequisite: Level I & Instructor's Approval

## **APPLIED ROBOTICS: Foundations of Robotic Honors**

**9410110**

## **APPLIED ROBOTICS: Robotic Design Essentials Honors**

**9410120**

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the principles and applications of robotics engineering and its effect upon our lives and the choosing of an occupation. The content and activities will also include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the science and mathematics knowledge, technological tools, machines, instruments, materials, processes and systems related to robotics.

### ***PROGRAM STRUCTURE***

This program is a planned sequence of instruction consisting of four courses:

Foundations of Robotics Honors- 9410110

Robotic Design Essentials Honors- 9410120

Robotic Systems Honors- 9410130 (offered 2015-16)

Robotic Applications Capstone Honors- 9410140 (offered 2016-17)

Weighted: Yes

Credit: 1.0 Two Semesters

Career and Technical Credit: Yes

SUS Admission: E

Prerequisite: Instructor's Approval & Sequential Levels

# TECHNOLOGY

## **AP COMPUTER SCIENCE A (Grades 10 - 12)**

**0200320**

This course follows the description provided by the College Board for the Advanced Placement Computer Science course which emphasizes Algorithm and Data Structure concepts, data encapsulation and object handling. This course prepares students to take the A.P. Computer Science Exam. Post exam, the course will focus on Robotics. It is recommended that students previously complete or be concurrently enrolled in advanced science (physics) and mathematics courses.

Prerequisite: Instructor's Approval

Credit: 1.0 Two Semesters

## **TECHNOLOGY SUPPORT-EXEC INTERN ( Grades 10 - 12)**

**0500300**

The students will learn and help solve problems with hardware, software and other technology school related issues on Windows and school-adopted hardware and software. Tech Support students will learn the audio and lighting engineering for productions in the auditorium. An application and instructor's approval required prior to registration. Must have and maintain a 3.0 GPA

**\*Enrollment limited to 15 students**

This program is a planned sequence of instruction consisting of three courses:

Technology Support- Exec Intern Level I (10-12) - 0500300

Technology Support- Exec Intern Level II (11-12) - 0500310

Technology Support- Exec Intern Level III (12) - 0500320

Prerequisite: Tech Support Application and Instructor's Approval \*Limited enrollment

Credit: 1.0 Two Semesters

SUS Admission: E

# **HUMANITIES**

**ART  
ORCHESTRA  
CHORUS  
MUSIC THEORY  
BAND  
HEALTH/PHYSICAL  
EDUCATION  
OTHER**

# ART

## **DRAWING I (Grades 9 - 12)**

**0104340**

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. 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.

**Prerequisite:**

Donation Requested: \$20.00 per semester

Credit: 1.0 Full Year

SUS Admission: E

Bright Futures: C

## **DRAWING II (Grades 9 - 12) NEW**

**0104350**

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing. Student artist's sketch, manipulates, and refines 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: Drawing I**

Donation Requested: \$20.00 per semester

Credit: 1.0 Full Year

SUS Admission: E

Bright Futures: C

## **DRAWING III HONORS (Grades 9 - 12) NEW**

**0104330**

Students demonstrate proficiency in the conceptual development of content in drawing to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. This course incorporates hands-on activities and consumption of art materials.

**Prerequisite: Drawing I and II**

Donation Requested: \$20.00 per semester

Credit: 1.0 Full Year

SUS Admission: E

Bright Futures: C

# ART

## **PAINTING I (Grades 9 - 12)**

**0104370**

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in painting. Students practice, 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.

**Prerequisite: Drawing I**

Donation Requested: \$20.00 per semester

Credit: 1.0 Full Year

SUS Admission: E

Bright Futures: C

## **PAINTING II (Grades 9 - 12)**

**0104380**

Students develop and refine technical skills and create 2-D compositions in painting. Student artists 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: Painting I**

Donation Requested: \$20.00 per semester

Credit: 1.0 Full Year

SUS Admission: E

Bright Futures: C

## **PAINTING III HONORS (Grades 9 - 12)**

**0104390**

Students demonstrate proficiency in the conceptual development of content in painting to create self-directed or collaborative 2-D artwork suitable for inclusion in a portfolio. Students produce works that show evidence of developing craftsmanship and quality in the composition. Through the critique process, students evaluate and respond to their own work and that of their peers. Through a focused investigation of traditional techniques, historical and cultural models, and individual expressive goals, students begin to develop a personal art style. This course incorporates hands-on activities and consumption of art materials.

**Prerequisite: Painting I and II**

Donation Requested: \$20.00 per semester

Credit: 1.0 Full Year

SUS Admission: E

Bright Futures: C

# ART

## **CREATIVE PHOTOGRAPHY 1**

**0108310**

## **CREATIVE PHOTOGRAPHY 2**

**0108320**

## **CREATIVE PHOTOGRAPHY 3 HONORS**

**1018330**

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

**Prerequisite:** Drawing I, student MUST provide own 35 mm camera, preferably with manual light meter. Students need teacher approval. Remaining courses taken sequentially

Donation Requested: \$30.00 per semester

Credit: 1.0 Two Semesters

SUS Admission: E

Bright Futures: C

## **DIGITAL ART IMAGING 1**

**0108370**

## **DIGITAL ART IMAGING 2**

**0108380**

## **DIGITAL ART IMAGING 3 HONORS**

**0108390**

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.

**Prerequisite:** Digital Art Imaging requires instructor's approval. Remaining courses taken sequentially

Donation Requested: \$30.00 lab

Credit: 1.0 Two Semesters

SUS Admission: E

Bright Futures: C

# ART

## CERAMICS/POTTERY 1

0102300

## CERAMICS/POTTERY 2

0102310

## CERAMICS/POTTERY 3 HONORS

0102320

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

**Prerequisite:** Drawing I for Ceramics I; Drawing I and Ceramics I for Ceramics II & III

Donation Requested: \$20.00 per semester

Credit: 1.0 Two Semesters

SUS Admission: E

Bright Futures: C

## ART 2-D

0101355

## 3-D COMPREHENSIVE (Grades 10 – 12)

0101365

This course enables students to communicate ideas and concepts through advanced two- and three-dimensional design and composition, and develop appreciation of exemplars in varied cultures and historical periods. Students will learn varied two- and three-dimensional media, technology, processes, and techniques. Students will understand the elementary of art and principles of design, critical thinking and analysis, historical and cultural perspectives, and connections between visual arts and other subject areas.

**Prerequisite:** Drawing I

Donation Requested: \$20.00 per semester

Credit 1.0 Two Semesters

SUS Admission: E

Bright Futures: C



# ART

## **AP STUDIO ART 2D (Grades 11 - 12)**

**0109350**

## **AP STUDIO ART 3D (Grades 11 - 12)**

**0109360**

The instructional goals of the AP 2D & 3D Studio Art program can be described as follows:

Encourage creative and systematic investigation of formal and conceptual issues, emphasize making art as an ongoing process that involves the student in informed and critical decision making, help students develop technical skills and familiarize them with the functions of the visual elements, encourage students to become independent thinkers who will contribute inventively and critically to their culture through, 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: quality, concentration and breadth.

**Prerequisite:** Drawing 1, Painting 1, 2nd art course, Portfolio I , and/or permission from instructor.

Donation Requested: \$35.00 per semester

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: X3

SUS Admission: E

## **AP DRAWING (Drawing, 2D Design, 3D Design) (Grades 11 - 12)**

**0104300**

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:** Drawing 1, Painting 1, 2nd art course, Portfolio I , and/or permission from instructor.

Donation Requested: \$35.00 per semester

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: X3

SUS Admission: E

# ART

**FINE CRAFT STUDIO ART 1** **0101440**

**FINE CRAFT STUDIO ART 2** **0101450**

**FINE CRAFT STUDIO ART 3 HONORS** **0101460**

Students will create well-designed work that is utilitarian, purposeful, wearable, and/or sculptural in nature. This course may include, but is not limited to, content in metals, jewelry, glass fabrics/fibers, clay, fashion design, and/or objects for interior or architectural design and embellishment. Students develop the language of the fine craft through a concentration on fundamental technical skills. Student artisans reflect on aesthetics and visual issues related to the fine craft through the use of the structural elements of art and organizational principles of design. Students use analytical and problem-solving skills to improve personal work and that of their peers. Students investigate the significance of Western and non-Western cultures related to understanding the art role in global culture and informing creative choices in media and design. This course incorporates hands-on activities and consumption of art materials.

**Prerequisite:** .Drawing II

Donation Requested: \$20 per Semester

Credit: 1.0 Full Year

Weighted:

Bright Futures:

SUS Admission:

**AP ART HISTORY (Grades 10 - 12)** **0100300**

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.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2015-16

**Prerequisite:** Permission of current Art or Social Studies teacher. Interview with the course instructor.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: X3

SUS Admission: E

# ART

## **ART HISTORY AND CRITICISM II HONORS**

**0100340**

Students explore art and architecture as an expressive response to the artist's experience. Through research and analysis of significant works and their historical contexts students examine changes in the understanding and structures of art production throughout the world. Students examine influential factors, such as people and events, societal and political changes, technological advancements, philosophical ideas, and cross-cultural influences as a means of discovering and tracing the changing definition of art. Student historians research and write about art using appropriate discipline-based methods (i.e., historical, critical, and aesthetic). This course may incorporate hands-on activities and consumption of art materials.

OFFERED EVERY OTHER YEAR. OFFERED NEXT 2014-2015

**Prerequisite:** None

Credit: 1.0 Full Year

Weighted:

Bright Futures:

SUS Admission

## **SCULPTURE I (Grades 9 - 12)**

**0111310**

## **SCULPTURE II**

**0111320**

## **SCULPTURE III**

**0111330**

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. 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 sculpture 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:** .Drawing I

Donation Requested: \$20 per Semester

Credit: 1.0 Full Year

Weighted:

Bright Futures:

SUS Admission:

# ART

## **PORTFOLIO DRAWINGS HONORS**

**0109310**

## **PORTFOLIO DRAWINGS 2D DESIGN HONORS**

**0109320**

## **PORTFOLIO DRAWINGS 3D DESIGN HONORS**

**0109330**

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, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students regularly reflect on aesthetics and art issues individually and as a group, and focus on expressive content that is 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:** Drawing I.

Donation Requested: \$20 per Semester

Credit: 1.0      Full Year

Weighted:

Bright Futures:

SUS Admission:

# ORCHESTRA

## CONCERT ORCHESTRA

**ORCHESTRA 3 (Grade 9)**

**1302380**

**ORCHESTRA 4 (Grade 10)**

**1302390**

Students build on previous orchestral experience through the study and performance of high-quality orchestra literature. Rehearsals focus on the strengthening of critical listening skills, musicianship, string techniques, ensemble skills, and aesthetic awareness in the context of relevant history and cultures. 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 I and II or equivalent private study

Donation Requested: \$54.00 instrument rental: \$10.00 for method book

Credit: 1.0 Two semesters

Bright Futures: N

SUS Admission: E

## CHAMBER ORCHESTRA

**ORCHESTRA 5 (Grade 11)**

**1302400**

**ORCHESTRA 6 (Grade 12)**

**1302410**

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:** Concert Orchestra or equivalent private study

Placement in Chamber Orchestra by audition only.

Donation Requested: \$54.00 instrument rental

Credit: 1.0 Two semesters

Bright Futures: N

SUS Admission: E

# CHORUS

## CHORUS - THE PINE VIEW CHORALE (Grades 9 - 12)

CHORUS 3	1303320
CHORUS 4	1303330
CHORUS 5	1303340
CHORUS 6	1303350

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. Courses are taken in sequential order.

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admission: E

## VOCAL ENSEMBLE - THE PINE VIEW VOCAL ENSEMBLE

VOCAL ENSEMBLE 1	1303440
VOCAL ENSEMBLE 2	1303450
VOCAL ENSEMBLE 3	1303460
VOCAL ENSEMBLE 4	1303470

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. Four-eight sopranos, four-eight altos, four-eight tenors, four-eight basses.

**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 Chorale. Courses are taken in sequential order.

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: E

# MUSIC THEORY

## **MUSIC THEORY (Grades 9 - 12)**

**1300300**

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.

This course is offered alternate years with AP Music Theory. This course is the equivalent of Music Theory I and II offered at other high schools. (2 years in one year.)

**Prerequisite:** The ability to read music

Donation Requested: None

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: E

## **AP MUSIC THEORY (Grades 9 - 12)**

**1300330**

The purpose of this course is to develop the student's ability to recognize and understand the basic materials and processes in any music that is heard or read in score. Content includes the application of fundamental music terminology and notational skills to intervals, key signature, rhythmic and metric notation, and transposition. Students will create elementary compositions in melodies to specifications including two-part counterpoint, harmonization of a melodic line, and four-part realization of figured bass symbols and/or Roman numerals. Content includes analysis of pitch and rhythmic organization, texture, and form. Students will aurally be able to identify single line rhythms, melodic lines, two-part excerpts, block chords, and other homophonic textures. 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:** The successful completion of Music Theory, and approval from Mrs. Robins.

Credit: 1.0 Two Semesters

Weighted: Y

Bright Futures: X3

SUS Admissions: E

# BAND

## JAZZ BAND ENSEMBLE (GRADES 9 - 12)

<b>JAZZ ENSEMBLE 1</b>	<b>1302500</b>
<b>JAZZ ENSEMBLE 2</b>	<b>1302510</b>
<b>JAZZ ENSEMBLE 3</b>	<b>1302520</b>
<b>JAZZ ENSEMBLE 4</b>	<b>1302530</b>

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.

**Prerequisite:** Director's approval. Courses are taken in sequential order.

Donation Request: \$20 for music and band shirt

Students must provide their own instrument

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: E

## CONCERT BAND (GRADES 9 - 12)

<b>BAND 3</b>	<b>1302320</b>
<b>BAND 4</b>	<b>1302330</b>
<b>BAND 5</b>	<b>1302340</b>
<b>BAND 6</b>	<b>1302350</b>

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.

**Prerequisite:** Director's approval. Courses are taken in sequential order.

Donation Request: \$20 for music and band shirt

Students must provide their own instrument

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: E



# BAND

## **WIND ENSEMBLE (GRADES 9 - 12)**

**INSTRUMENTAL TECHNIQUES 1** **1302420**

**INSTRUMENTAL TECHNIQUES 2** **1302430**

**INSTRUMENTAL TECHNIQUES 3** **1302440**

**INSTRUMENTAL TECHNIQUES 4** **1302450**

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.

**Prerequisite:** By audition and director approval. Courses are taken in sequential order

Donation Request: \$20 for music and supplies

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: E

# HEALTH/PHYSICAL EDUCATION

## **TEAM SPORTS I (Grades 9 – 12)**

**1503350**

Students will learn safety practices, skills, techniques, rules and strategies in selected team sports, health-related components of fitness will be emphasized. The selected team sports may include, but not be limited to team handball, flicker ball, gatorball, speedball, field hockey, and track and field.

**Special Note:** Activities selected in Team Sports I may not be repeated in Team Sports II.

Credit: .50

Bright Futures:

SUS Admission: N

## **TEAM SPORTS II (Grades 9 – 12)**

**1503360**

Students will acquire knowledge of team sports play, develop skills in selected team sports and maintain or improve their health related fitness levels. Students must understand and be able to apply the physiological principles related to exercise and training. The selected team sports may include, but not limited to angle ball, soccer, volleyball, basketball, softball, flag football, and Frisbee games.

**Special Note:** Activities selected in Team Sports II must be different from those taught in Team Sports I.

Credit: .50

Bright Futures:

SUS Admission:

# OTHER

## **EXECUTIVE INTERN I (Grades 10 - 12)**

**2400300**

The purpose of this course is to provide students with knowledge and skills of effective teaching and teacher responsibilities in a variety of areas.

**Prerequisite:** Student must have a copy of last year's report card and a current 3.0 unweighted GPA for the school year. Attendance and grades will be considered for the selection process. Student can take either one semester or two semesters but must fill out applications at the beginning of the school year. OO and O period classes have limited availability. Seniors have priority.

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: N

## **EXTERNSHIP (Grade 12)**

**7965030**

Students spend four hours per week working (with no pay) with a professional host at a work site. They spend one session per week (every day the first two weeks) in a seminar with the Externship Coordinator. Students create resumes, participate in job interviews, complete research, and do oral presentations at school. Participants may be asked to help with class fundraising after school and are **STRONGLY URGED** to purchase school insurance, students should, if at all possible, arrange a host and obtain the three required teacher references in advance. Fundraising provides the required Host Appreciation event in the spring.

**Prerequisite:** 3.25 G.P.A., three teacher recommendations, excellent attendance, own transportation, and 4-6 hours per week availability to fulfill externship requirements.

Credit: 1.0 Two Semesters

Bright Futures: N

SUS Admissions: N