

COURSE CATALOG

2024-2025



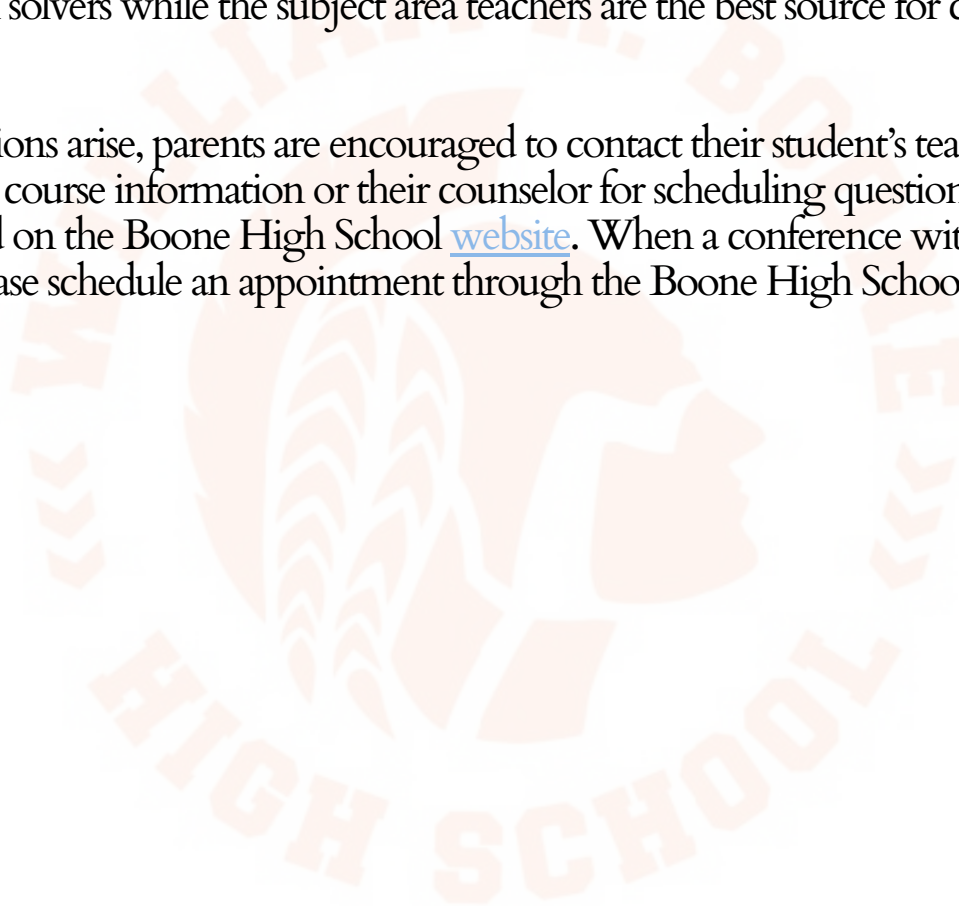
*All information in this course catalog is
subject to change pending school,
district, legislative and state decisions.*

Introduction

This catalog is a resource that represents the current curriculum and course offerings for AP, AICE, and ELECTIVE courses at **William R Boone High School**. This course catalog does not include course descriptions for core academic courses. For more information on these courses please visit the [CPALMs Course Description & Directory](#).

The catalog is designed to guide students and parents toward informed decisions concerning courses and programs. Each course selection should be part of an overall plan for the student's education and career goals and should be chosen thoughtfully. Students and parents should read this guide completely. School counselors are the registration experts and problem solvers while the subject area teachers are the best source for course information.

When questions arise, parents are encouraged to contact their student's teacher for classroom or course information or their counselor for scheduling questions. Teacher emails can be found on the Boone High School [website](#). When a conference with a counselor is required, please schedule an appointment through the Boone High School [website](#).



Introduction

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Registration

As you select courses for the next year, you will need to take into account *graduation requirements, post high school goals, and your own academic performance*. The information provided on these first pages is important to the context of your decision making.

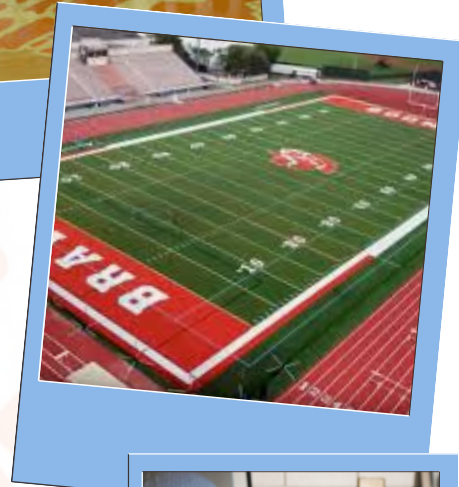
Each year Boone High School creates a master schedule for the following school year which reflects students' course requests made during registration. Faculty members are employed, textbooks are purchased and rooms are assigned on the basis of these requests. Thus, **once a student enrolls in a course, he/she is expected to remain in the course**. Careful consideration of course selection by the student, parent and counselor prior to registration is critical to this process.

BOONE HIGH SCHOOL ACADEMICS

➤ [Academics-BHS](#)

HELPFUL RESOURCES

➤ [Course Descriptions & Directory](#)



Graduation Requirements-Testing

Please refer to the [FLDOE](#) for more in depth Graduation Requirements and Diploma Designations.

Test Score Requirements for Graduation

Table 4: Grade 10 ELA Concordant Scores¹

Available for students who entered grade 9 in 2020–21 and beyond:	
SAT EBRW ²	480
ACT English and Reading subtests (averaged) ³	18
CLT Verbal Reasoning and Grammar/Writing sections sum ⁴	36
Available for students who entered grade 9 between the 2010–11 and 2019–20 school years ⁵ :	
SAT EBRW ²	430
SAT Reading Subtest ⁶	24
ACT Reading	19
ACT English and Reading subtests (averaged) ³	18

Table 5: Algebra 1 EOC Comparative Scores

Available for students who entered grade 9 in 2020–21 and beyond:	
PSAT/NMSQT Math ¹	430
SAT Math ²	420
ACT Math	16
CLT Quantitative Reasoning section	11
Geometry EOC ³	Level 3

Graduation Requirements

Please refer to the [FLDOE](#) for more in depth Graduation Requirements and Diploma Designations.

4 Credits ELA
<ul style="list-style-type: none"> • ELA 1, 2, 3, 4 • ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment may satisfy this requirement
4 Credits Mathematics*
<ul style="list-style-type: none"> • One of which must be Algebra 1 and one of which must be Geometry • Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) ** • An identified computer science*** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)
3 Credits Science*
<ul style="list-style-type: none"> • One of which must be Biology, two of which must be equally rigorous science courses • Two of the three required course credits must have a laboratory component • Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology)** • An identified computer science*** credit may substitute for up to one science credit (except for Biology)
3 Credits Social Studies
<ul style="list-style-type: none"> • 1 credit in World History • 1 credit in U.S. History • 0.5 credit in U.S. Government • 0.5 credit in Economics
0.5 Credit in Personal Financial Literacy****
1 Credit Fine and Performing Arts, Speech and Debate, Career and Technical Education, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> • To include the integration of health
7.5 Elective Credits
Students must earn a 2.0 unweighted grade-point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments.

Graduation Checklist

HIGH SCHOOL GRADUATION CHECKLIST

COUNSELOR: _____

STUDENT #

4 Credits of English

English I (R H)

English II (R H) _____

English III (R H AP)

English IV (R H AP) _____

3 Credits of Social Studies

World History (R H AP)

U.S. History (R H AP)

(0.5) Am. Government (R H AP)

(0.5) Economics (R H AP)

4 Credits of Math

Algebra I (R-H)

Geometry (R H) _____

[R H AP]

_____ [R H AP] _____

3 Credits of Science

Biology [R H AP]

[R H AP]

[R H AP]

1 Performing Arts Credit

1 Phys. Ed. Credit (HOPE)

3 Credits of Electives

[illegible]

Testing Requirements w/ Passing Score	
1. Written Exam	75%
2. Practical Exam	75%
3. Interview	75%
4. Reference Check	75%
5. Background Check	75%
6. Physical Exam	75%
7. Drug Screening	75%
8. Medical History	75%
9. Psychological Evaluation	75%
10. Social History	75%
11. Family History	75%
12. Personal History	75%
13. Employment History	75%
14. Education History	75%
15. Criminal History	75%
16. Financial History	75%
17. Travel History	75%
18. Immigration History	75%
19. Military History	75%
20. Civilian History	75%
21. Professional History	75%
22. Academic History	75%
23. Research History	75%
24. Publication History	75%
25. Conference History	75%
26. Award History	75%
27. Fellowship History	75%
28. Grant History	75%
29. Contract History	75%
30. License History	75%
31. Certification History	75%
32. Registration History	75%
33. Membership History	75%
34. Association History	75%
35. Society History	75%
36. Club History	75%
37. Organization History	75%
38. Institution History	75%
39. Facility History	75%
40. Equipment History	75%
41. Material History	75%
42. Product History	75%
43. Service History	75%
44. Process History	75%
45. System History	75%
46. Method History	75%
47. Technique History	75%
48. Procedure History	75%
49. Protocol History	75%
50. Policy History	75%
51. Standard History	75%
52. Norm History	75%
53. Benchmark History	75%
54. Metric History	75%
55. Indicator History	75%
56. Measure History	75%
57. Assessment History	75%
58. Evaluation History	75%
59. Analysis History	75%
60. Synthesis History	75%
61. Application History	75%
62. Implementation History	75%
63. Execution History	75%
64. Operation History	75%
65. Maintenance History	75%
66. Support History	75%
67. Training History	75%
68. Development History	75%
69. Research History	75%
70. Innovation History	75%
71. Creativity History	75%
72. Problem Solving History	75%
73. Decision Making History	75%
74. Communication History	75%
75. Collaboration History	75%
76. Teamwork History	75%
77. Leadership History	75%
78. Management History	75%
79. Supervision History	75%
80. Coordination History	75%
81. Organization History	75%
82. Administration History	75%
83. Management History	75%
84. Supervision History	75%
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87. Administration History	75%
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132. Administration History	75%
133. Management History	75%
134. Supervision History	75%
135. Coordination History	75%
136. Organization History	75%
137. Administration History	75%
138. Management History	75%
139. Supervision History	75%
140. Coordination History	75%
141. Organization History	75%
142. Administration History	75%
143. Management History	75%
144. Supervision History	75%
145. Coordination History	75%
146. Organization History	75%
147. Administration History	75%
148. Management History	75%
149. Supervision History	75%
150. Coordination History	75%
151. Organization History	75%
152. Administration History	75%
153. Management History	75%

State Reading Assessment:

➤ **Concordant Score**

30% Algebra I EOC: _____

➤ Concordant Score _____

*Concordant Score Information on back page

EOC Exams

30% Geometry EOC: _____

30% Biology EOC: _____

30 % U.S. History EOC: _____

ONLINE Requirement: Yes / No

Unweighted Cumulative GPA (Minimum 2.0): _____

Weighted Cumulative GPA: _____

Minimum of 24 credits (to include those indicated above)

➤ Dual Enrollment Course

ADVANCED PLACEMENT

The Advanced Placement Program® (AP) courses enable willing and academically prepared students to pursue college-level studies while still in high school. To earn college credit, students must earn a level 3 or higher on the corresponding standardized exam produced by College Board at the end of the year. As a reminder, the school year is planned based on student requests. **AP drop requests will not be accepted once the school year begins.**

While the AP Program does supply a detailed set of expectations about the content of each college-level course that subject should cover-- the AP teachers have the autonomy to design their own syllabi.

That is why we have created this course catalog that is specific to the AP courses at Boone High School. Below you will find information from the corresponding AP teacher such as **course descriptions, prerequisites, average homework time, and teacher contact information.**



For in-depth information regarding The Advanced Placement Program® (AP) visit www.apcentral.collegeboard.org

ADVANCED PLACEMENT

Art History

What is it?

Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making.

What will I study?

Specific artifacts (250) from around the globe; artwork, architecture, installations and earth art. Time frame begins with cave art and ends with modern day artists.

Prerequisites

No formal prerequisites required, but students are strongly encouraged to take [AP World History](#) at the same time. The content is very similar.

Art Portfolio

What is it?

Focus on in-depth, inquiry-based art and design making; on skillful synthesis of materials, processes, and ideas; and on articulating information about their work. The focus is on drawing and technique

What will I study?

Students will work on a body of art consisting of 15 pieces of art, a variety of materials and subject matter will be explored.

Prerequisites

[Draw 1 and Draw 2](#) are preferred. If a student has had previous art experience a teacher review is possible for admittance.

Biology

What is it?

Biology is the study of the core scientific principles, theories, and processes that govern living organisms and biological systems, from molecules to ecosystems. This course is the equivalent of a TWO SEMESTER college biology course and focuses on designing experiments and analyzing data that supports the scientific claims we study.

What will I study?

Chemistry of Life, Cell Structure and Function, Cellular Energetics, Cell Communication, Genetics, Gene Expression, Evolution, and Ecology

Prerequisites

[Biology](#) is required, Honors Bio strongly recommended: this course covers much more in depth information on the topics you covered in Biology. Chemistry is strongly recommended but not required.

ADVANCED PLACEMENT

Calculus AB

What is it?

➤ AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus.

What will I study?

➤ AP Calculus AB is the study of limits, derivatives, definite and indefinite integrals, and the Fundamental Theorem of Calculus. Consistent with AP philosophy, concepts will be expressed and analyzed geometrically, numerically, analytically, and verbally.

Prerequisites

➤ Before studying AP Calculus AB, students should complete the equivalent of four years of secondary mathematics designed for college-bound students: in which they study algebra, geometry, trigonometry, analytic geometry, and precalculus.

Calculus BC

What is it?

➤ AP Calculus BC is designed to be the equivalent to both first and second semester college calculus courses.

What will I study?

➤ AP Calculus BC applies the content and skills learned in Calc AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequence and series.

Prerequisites

➤ Before studying AP Calculus BC, students should complete the equivalent of 4 years of secondary mathematics designed for college-bound students: in which they study algebra, geometry, trigonometry, analytic geometry, and precalculus, and students should complete AP Calculus AB.

Chemistry

What is it?

➤ AP Chemistry is designed to be the equivalent of a General Chemistry 2045 and 2046, the two semester second level chemistry courses offered at any College or University.

What will I study?

➤ This course will cover topics in the scientific method, metric measurements, classification and structure of matter, the Atomic Theory, the periodic table, chemical bonding, chemical formulas, gas laws, solutions including acids and bases, redox reactions, thermodynamics, organic compounds and chemistry in society.

Prerequisites

➤ Before studying AP Chemistry the student should have completed an introductory chemistry class (i.e. Honors Chemistry) and should have at least Algebra Two level mathematics.

ADVANCED PLACEMENT

Comparative Govt

What is it?

- › Comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom.

What will I study?

- › Introduces students to the rich diversity of political life outside the United States, specifically focusing on China, Iran, Mexico, Nigeria, Russia and the United Kingdom. You will compare regime change, politics, leaders, the constitution, political parties and more, comparing them between the countries.

Prerequisites

- › No formal prerequisites required, however this is a senior level social studies course.

Computer Science A

What is it?

- › The study of object-oriented computer programming in Java. It is the most advanced computer science course offered.

What will I study?

- › Data types, if/else statements, for loops, while loops, Strings, arrays/ ArrayLists, classes/objects, searching/sorting, and recursion.

Prerequisites

- › No formal prerequisites required, but students are strongly encouraged to take courses such as Foundations of Programming, AP Computer Science Principles, and Algebra II.

Computer Sci Principles

What is it?

- › The study of broad computer science topics as a whole.

What will I study?

- › Binary, number systems, image creation, networking, cybersecurity, big data, AI, programming in JavaScript.

Prerequisites

- › No formal prerequisites required, but students are strongly encouraged to have completed or have taken Algebra II, and a prior computer related course.

ADVANCED PLACEMENT

Economics Macro

What is it?

➤ AP Macro focuses on economic principles that apply to the economy as a whole. The course emphasizes the study of national income and its components, economic indicators, the financial sector, stabilization policies, economic growth, and international economics.

What will I study?

➤ Economic measurements, graphs, models, and policies. The content builds on basic economic principles that will lead to the interpretation of given scenarios that will require students to manipulate graphs and other visual representations for the course. There are seven graphs that students are required to know. Much of the content relates to "real world" scenarios about price changes, unemployment, economic growth, interest rates, government intervention, and trade with other nations.

Prerequisites

➤ No formal prerequisites are required, however this is a senior level social studies course

Economics Macro/ Micro

***This is a full year course--
Students are required to
take both **MACRO & MICRO*****

What will I study?

- Macro- Explore the principles of economics that apply to an economic system as a whole. You'll use graphs, charts, and data to analyze, describe, and explain economic concepts.
- Micro- Study the principles of economics that apply to the behavior of individuals within an economic system. You'll use graphs, charts, and data to analyze, describe, and explain economic concepts.

Prerequisites

➤ No formal prerequisites are required, however this is a senior level social studies course

English Language

What is it?

➤ The development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of non-fiction texts, and the decisions writers make as they compose and revise.

What will I study?

➤ How writing functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations.

Prerequisites

➤ No formal prerequisites required; however, students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences.

ADVANCED PLACEMENT

English Literature

What is it?

› An interactive, challenging but engaging class with hands-on opportunities to engage in literary study. This class can earn you up to six college credits and will fulfill Gordon Rule at Florida universities, and can take the place of language arts courses in college for non-majors. We read, we write, we eat, we discuss, and we read some more.

What will I study?

› The AP Lit test covers Western literature from 1300-present, so we study a variety of controversial and interesting topics and titles. Our writing component is analytical and focused, and we do project-based learning to support the literature.

Prerequisites

› No formal prerequisites required.

Environmental Sci

What is it?

› Provides students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world. Helps students identify and analyze natural and human-induced environmental problems. It enables them to learn how to assess the risks associated with these problems and evaluate alternative solutions for resolving and preventing them.

What will I study?

› The living world, human populations, land and water use, energy resources and consumption, pollution, global change and more!

Prerequisites

- › [Regular/honors biology](#)
- [Regular/honors chemistry](#)
- [Regular/honors algebra 1](#)
- [Regular/honors algebra 2](#)

Government

What is it?

› Provides a non-partisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States.

What will I study?

› Students will study 9 U.S. foundational documents, 15 Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. We will relate current events to how it is related to the US Constitution.

Prerequisites

› No formal prerequisites required, however this is a [senior level](#) social studies course.

ADVANCED PLACEMENT

Human Geography

What is it?

➤ This course introduces students to the systematic study of patterns and process that have shaped human understanding, use, and alteration of Earth's surface.

What will I study?

- Problems of economic development and cultural change.
- Consequences of population growth, changing fertility rates, and international migration.
- Impacts of technological innovation on transportation, communication, industrialization, and other aspects of human life.
- Struggles over political power and control of territory.
- Conflicts over the demand of ethnic minorities, the role of women in society, and the inequalities between developed and developing countries.
- Explanations of why location matters to agricultural land use, industrial development, and urban problems.
- The role of climate change and environmental abuses in shaping the human landscapes on Earth.

Prerequisites

➤ No formal prerequisites.
Freshman-level course.

Music Theory

What is it?

➤ AP Music Theory is study of the analytical and compositional side of music.

What will I study?

➤ Students will study scales, chords, chord progression, composition/part writing, and ear training/listening.

Prerequisites

➤ While there are no formal prerequisites, ideally students will be able to read music. Students may also want to purchase Barron's AP Music Theory course book to review over the summer.

Physics 1

What is it?

➤ A one semester algebra and trig. based college physics course. In college this course is taken by students not majoring in Engineering, Physics, Chemistry, Computer Science or Math. However this course prepares the student for college physics no matter their intended major.

What will I study?

➤ Motion, Newton's laws, energy, momentum, simple harmonic motion, waves, rotation and Ohm's law.

Prerequisites

➤ No previous physics course is necessary. It helps to be enrolled in at least Pre-Calculus, but the student can be enrolled in Algebra 2 if they are strong in mathematics.

ADVANCED PLACEMENT

Physics C: Mechanics

What is it?

➤ A full year course that is equivalent to 1 semester of college physics credit that is Calculus based. The college equivalent of this course is required for students majoring in Engineering, Physics, Chemistry, Computer Science or Mathematics.

What will I study?

➤ Motion, Newton's laws, energy, momentum, rotation, gravitation, and simple harmonic motion.

Prerequisites

➤ The student must have taken Calculus AB, unless they have had AP Physics 1 then they may take AP Physics C Mechanics while taking Calculus AB if they are strong in mathematics.

Physics E & M

What is it?

➤ This is a full year course at Boone that is equivalent to one semester of college physics credit. This course is also Calculus based. This is Engineering Physics 2. This course follows the AP Physics C Mechanics course.

What will I study?

➤ Electricity and Magnetism

Prerequisites

➤ Must have completed Calculus AB and be enrolled in Calculus BC. If a student has taken AP Physics 1, they may take both AP Physics C Mechanics and AP Physics C E&M if they are in Calculus BC.

ADVANCED PLACEMENT

Research

What is it?

- The opportunity to choose a topic of interest that will be researched in depth over the course of a full year.

What will I study?

- How to conduct research, write a detailed academic report, and deliver an oral presentation about a question you find interesting.

Prerequisites

- [AP Seminar](#) is required.

Seminar

What is it?

- Year one of a two-year special diploma program culminating in AP Research.

What will I study?

- This rigorous, fast-moving program combines research, writing, and presenting.

Prerequisites

- Incoming 10th graders need to be enrolled in English 2 Honors and incoming 11th graders need to be enrolled in AP English Language or UF Dual Enrollment English.

Spanish Language

What will I study?

- Develop your Spanish language skills and learn about the cultures in Spanish-speaking parts of the world. You'll practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books.

Skills You'll Learn

- Understanding Spanish when you hear and read it
- Writing stories, letters, emails, essays, and other texts
- Holding conversations in real-life situations

Prerequisites

- There are no prerequisites, but students are typically in their fourth year of high-school-level study. In the case of native or heritage speakers, there may be a different pathway of study leading to this course.

ADVANCED PLACEMENT

Spanish Literature

What will I study?

- Build your language skills and cultural knowledge by exploring works of literature written in Spanish. Using Spanish to communicate, you'll read, analyze, discuss, and write about works by Spanish, Latin-American, and U.S. Hispanic authors of different periods.

Skills You'll Learn

- Interpreting, analyzing, and comparing literary works
- Comparing literary works to works of art
- Discussing works of literature
- Writing a literary analysis using correct literary terms

Prerequisites

- Typically, students will take this course after they have completed [AP Spanish Language](#).

Statistics

What is it?

- Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

What will I study?

- Variation and distribution; patterns and uncertainty; data-based predictions, decisions, and conclusions using technology, investigation, and problem solving.

Prerequisites

- The math in AP Statistics is very different from any other math course. Strong reading, writing, and critical thinking skills are required so courses like [Honors or AP English](#), [pre-calc](#), or [AP Calculus](#) will strengthen these skills.

Studio Art (2D)

What is it?

- Introductory college-level two-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce two-dimensional art and design.

What will I study?

- Students will work on a body of art consisting of 15 pieces of art, a variety of materials and subject.

Prerequisites

- [Draw 1 and Draw 2](#) are preferred. If a student has had previous art experience a teacher review is possible for admittance.

ADVANCED PLACEMENT

U.S History

What is it?

➤ The in depth study of U.S History from the earliest exploration to the present time. Student will examine the major events in U.S History and come to understand how these events have had a profound influence on our lives today.

What will I study?

➤ Major historical events within the overall flow of U.S. History. How to write thematic essays and use historical documents in an examination of history, high level critical thinking skills, and college level study skills.

Prerequisites

➤ There are no formal prerequisites required but students are strongly recommended to take an AP level history course such as AP World History.

World History

What is it?

➤ Modern is designed to be the equivalent of an introductory college or university survey of modern world history

What will I study?

➤ Students will study significant events, individuals, developments and processes from 1200 to the present. You will develop and use the same skills, practices and methods utilized by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation and continuity and change over time. Students will explore six themes throughout the course to make connections among historical developments in different times and places: humans and the environment, governed, economic systems, social interactions and organization, and technology and innovation.

Prerequisites

➤ No formal prerequisites.

AICE GENERAL PAPER

What is it?

- › Develop understanding and use of English language in the context of contemporary topics • encourage and appraise a broad range of topics • develop a wider awareness and knowledge of contemporary issues through reading • develop independent reasoning skills • develop the skills of interpretation, analysis, evaluation and persuasion • develop skills in writing structured and developed arguments, and present reasoned explanations • develop the ability to present a point of view clearly, and consider and reflect upon those of others.

What will I study?

- › Economic, historical, moral, political, and social 2 Science, including its history, philosophy, ethics, general principles and applications; environmental issues; technology and mathematics 3 Literature, language, the arts, crafts, and the media.

Prerequisites

- › There are no formal prerequisites required.

AICE European History

What is it?

- › focuses on four different settings in European History from 1750–1921: France, The Industrial Revolution in Britain, Liberalism and Nationalism in Germany and The Russian Revolution.

What will I study?

- › In this course, students will learn to develop and analyze different arguments, examine different interpretations and learn to understand the relation between historical events in cause and effect, similarity and differences, change, and patterns.

Prerequisites

- › No formal prerequisites.

AICE Psychology

What is it?

- › AICE Psychology is designed to enable students to develop a greater knowledge and understanding of psychological research, think independently and make informed judgments on ethical issues, and apply their knowledge to novel situations and current debates.

What will I study?

- › Students will be asked to analyze core studies with consideration for the following key concepts: nature versus nurture, ethics in psychological research, choice of psychological research methods, the idea that no single view in psychology is definitive, and the relevance of psychology in contemporary society. Students will explore a variety of approaches and core studies. Further course detail can be found in the course syllabus:

Prerequisites

- › No formal prerequisites required. This course is recommended for 10th -12th grade.

AICE Marine Science

What is it?

➤ AICE Marine Science provides a coherent and stimulating introduction to the science of the marine environment. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts.

What will I study?

➤ The key concepts include observation and experiment, the science of water, forming and shaping the ocean floor and coastlines, organisms in their environment, and human influences in local and global contexts.

Prerequisites

➤ Chemistry and Biology

AICE American History

What is it?

➤ AICE American History explores the history of the USA from the mid-18th century to the end of the 20th century.

What will I study?

➤ Students will study the emergence of a nation (1754 - 1890) and consolidating the nation (1890 - 2000) through in depth studies and key questions.

Prerequisites

➤ World History or AICE European History

AICE English Language

What is it?

➤ AICE English Language provides learners with the opportunity to study English language and its use in communication. Learners will be encouraged to respond critically to a wide variety of texts in a range of forms, styles, and contexts, and to promote skills of communication, reading, research, and analysis.

What will I study?

➤ The key concepts for the AICE English Language include text and context, meaning and style, audience, creativity, diversity, and change.

Prerequisites

11th grade English course

Elective Courses

AIT

**Honors*

Advanced Information
Technology

What is it?

- The study of basic computing skills used in business, including the creation of websites in HTML/CSS

What will I study?

- Creating websites using HTML/CSS with Adobe Dreamweaver CC, basic and advanced use of Microsoft Word, Excel and PowerPoint.

Prerequisites

- No formal prerequisites required; strong math background is preferred

Animal Science and Services 2

**Honors*

What is it?

This course introduces students to the fundamental principles of animal agriculture and companion animal management.

What will I study?

Instruction will lead students through animal anatomy and physiology, reproduction, nutrition, health issues, marketing, and animal products. Students will gain knowledge and skills through direct instruction, labs, and field trips. This information will tie into students' FFA, CDE, and SAE experiences. Animal Science and Services 2 is a continuation of knowledge learned in Agriscience Foundations 1.

Prerequisites

- Agriscience Foundations 1

Anthropology

**Honors*

What is it?

- 0.5 credit (semester course that is typically paired with Philosophy Honors)

What is it?

- The study of various aspects of humanity from the earliest humans to today. This is a strong prep for college general education coursework and a solid choice for an academic elective.

What will I study?

- Students will cover all 4 subfields: Archaeology, Physical (i.e. genetics, forensics), Language, & Culture.

Prerequisites

- No formal prerequisites required.

Elective Courses

ASL I

What is it?

ASL I is an introductory course designed to teach basic conversational skills in ASL & an awareness of various aspects of deafness. This class will focus on expressive and receptive skills including grammatical & conversational skills in ASL and an intro to American Deaf culture. Weekly interactive activities and required class presentations allow you to practice what you have learned in class.

Contact

Emily Smith
Emily.Smith6@ocps.net

ASL II

- Review and expand prior ASL I knowledge (Units 1-6)
- Expansion of vocabulary and range of topics
- Increase narrative and conversational fluency
- Compare aspects of ASL and English through translation exercises
- Compare aspects of the Deaf culture, American culture and your own cultures
- Understanding your role as an ASL student in the Deaf community

Prerequisites

➤ ASL I

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**Honors*

0.5 credit (semester course that is typically paired with Philosophy Honors)

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Prerequisites

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➤

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- Compare aspects of ASL and English through translation exercises
- Compare aspects of the Deaf culture, American culture and your own cultures
- Understanding your role as an ASL student in the Deaf community

Prerequisites

➤ ASL I

Elective Courses

William R. Boone Band

*Did you know the
WILLIAM R. BOONE BAND...*

Traditionally puts musicians in the All County and All State Bands, as well as various clinic bands and performance groups in the Florida area.

Has 2 Winter Guards that compete regionally. In 2013, both winter guards earned a medal at the FFCC Championships. In 2016 and 2018, the Varsity Winter Guard made World Championship finals has made at least semi-finals each season since.

Has 3 concert bands, jazz band, various percussion ensembles, as well as countless other chamber ensembles for students to participate in.

Has graduating seniors, both potential music majors as well as non-music majors, who earn scholarships to play their instruments at colleges and universities all over the United States.

Consistently receives superior ratings in all aspect of the program. In 2015, the William R. Boone Sound of the Braves was a finalist at the FMBC State Championships. The Wind Ensemble has also performed in the prestigious Carnegie Hall and the 2012 FMEA Conference.

Provides the opportunity for its top wind and percussion members to perform with the Boone Orchestra program in combined concerts.

Has Performed at the National Concert Band Festival 2 times (1997 and 2008). This honor is reserved for the top bands in the United States.

Our goal is for every student to become the very best musician they can.

William R. Boone High School Band

Joshua S. Jackson, Director

Calogero Fanara, Assoc. Director

Jeremy Logan, Assoc. Director



1000 E. Kaley St.
Orlando, FL 32806

407-893-7209

Upcoming Dates

April 10 Jazz Under the Stars 7pm

April 27-28 Spring Band Concert 7pm

May 9-Band Ice Breaker 6pm-8:30pm

May 15-Band Ice Breaker 6pm-8:30pm

Stay up to date on the latest band information and start getting connected with the band directors, parents, and students.



Join the BAND app

Elective Courses

William R. Boone Band

Course Offerings

Marching Band-The Sound of the Braves Marching Band occurs during the fall semester at Boone High School. While the Marching band practices after school, students are required to be enrolled in a band course to participate. Marching band attends all of the Boone Home Football games, as well as most away games. In addition, they attend 2 or 3 marching contests, FBA Marching Music Performance Assessment, and State Championships. They may also participate in parades and other activities as necessary. Marching Band is an OCPS requirement for any student enrolled in band/eurythmics class.

Colorguard/Winterguard-The Boone Colorguard is a vital part of the SOTB. All Colorguard students are enrolled in a guard/eurythmic class. They are REQUIRED to attend ALL after school rehearsals. Colorguard trains performers in flags, rifles, and dance techniques. Winterguard is an outgrowth for colorguard students or any other students interested in performing separately from the marching band. This group rehearses weekly from December-March, attending regular competitions. Students are required to be enrolled in guard/eurythmics class.

Wind Ensemble-Wind Ensemble is reserved for the most advanced students at William R. Boone High School. This [Honors Level](#) course focuses on the continued development of fundamentals and performs new and traditional wind band songs. The band usually gives 2 or 3 Concerts a semester.

Symphonic Band- Comprised of students of various grade levels and focuses on Grade III and IV music. The band focuses on developing fundamentals, rhythm, tone, and technique in younger musicians. This band class generally performs 2 concerts a semester.

Concert Band-Comprised of students of various grade levels and focuses on building fundamental musical skills. This band class generally performs 2 concerts a semester.

Jazz Band-Students enrolled in a band class at Boone have the option of participating in Jazz Band. The Jazz Band Class is offered at Boone during the regular school day. Students audition in the fall to be placed in a Jazz Band. This class is open to any grade level of student who is also enrolled in a concert band course. The most advanced students can earn an Honors Credit.

Instrumental Ensemble/Percussion Class-A credit course for percussion students. Students enrolled in this class learn techniques appropriate to percussion playing. In addition to giving their own concerts, they also perform as part of the SOTB, as well as our concert band programs.

Keyboarding- Students build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture.

FAQs



Colorguard Video

Phone: 407-893-7209

Email: soundofthebraves@gmail.com
or Joshua.Jackson@ocps.net

Elective Courses

ASL III & IIII ^{*Honors}

What is it?

- Provides mastery and expansion of skills acquired by the students in American Sign Language II. Specific content includes, but is not limited to, expansion of vocabulary and conversational skills through discussions of selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language. Students will expand on the complexities of ASL and be able to begin manipulating the language with use of idiomatic phrases and structurally competent monologues. Weekly interactive activities and required class presentations allow opportunity to practice what is learned in class.

What will I study?

- Building meaningful connection with members of the Deaf Community.
- Demonstrate understanding of time & sequence in ASL expressively.
- Understand the importance of proper non-manual markers in ASL to promote the proper use of grammar & function through the target language.
- Understanding your role as an ASL student in the Deaf community.

Prerequisites

- ASL I and ASL II

Ceramics

What is it?

- 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. Students in the ceramics and/or pottery art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Creative Photo

What is it?

- Creative Photo 1 is about learning the beginning photo techniques and creating work for yourself and art shows. The course is designed to make you a better photographer and allow you to pass the Photoshop Certification test. However, the emphasis of the class is creating new and unique artwork using photography.

What will I study?

- In Creative Photo 1, you will study a few major themes to help make you a better photographer. You will learn how to use a DSLR camera, how to compose a photograph, lighting techniques, portraiture, posing techniques, how to set up a photo shoot, how to use photoshop, and create and display art work.

Prerequisites

- There are no prerequisites for Creative Photo 1.

Elective Courses



Instructors:

Mr. Pollard, Choral Director

cedrick.pollard@ocps.net

Mrs. Stoermer, Associate Choral Director

brooke.stoermer@ocps.net

What to expect

- develop a concept of good vocal production (pleasant tone quality, proper intonation, accurate diction, and adequate breath support) and the ability to listen with discrimination
- develop music reading ability
- develop and demonstrate expressive choral music techniques and qualities
- develop confidence in singing and performing by practicing performance etiquette
- develop and understand teamwork and what it means to be a member of a group



Multiple PA conflicts?

- In most cases, no. Classes are strategically scheduled to prevent conflicts. In rare cases, conflicts simply cannot be avoided. After school rehearsals/performances will never conflict as both programs have a shared calendar updated frequently.

♪♪ "ONE FAMILY, ONE VOICE" ♪♪

Financial requirement

- Money will never be a reason for turning a student away from our classes. Financial assistance is not guaranteed, but there are many fundraising opportunities offered throughout the year. Communication of needed assistance is crucial.

After school requirements

- Yes, according to the FDOE course descriptions, rehearsals and performances may be required for all performing arts classes out-side of regular school hours.



Prerequisites?

- A positive attitude! There is no formal prerequisite, and no singing experience is necessary as all new students will be placed in the primary level of Chorus. Students wanting to audition for a higher level can schedule an audition with Mr. Pollard by sending an email.



[Click here](#) for
an inside look!

Elective Courses



Choirs and Ensemble Offerings

Bella Voce**

Bella Voce is comprised of 10th through 12th grade women who are new to Chorus at Boone High School or are continuing at the intermediate level. An audition is not required. Bella Voce consists of fundamental vocal technique, ensemble skills, basic music literacy, and ear training through the preparation and performance of a variety of appropriate repertoire. Bella Voce rehearses as a class daily and performs at several concerts and assessments throughout the year. Private voice lessons are encouraged for all members.

Voices of Bravery (Beginning)**

Voices of Bravery (Beginning) is comprised of 9-12th grade men. An audition is not required. The curriculum consists of fundamental vocal technique, ensemble skills, basic music literacy, and ear training through the preparation and performance of a variety of appropriate repertoire. Voices of Bravery (Beginning) rehearses as a class daily and performs at several concerts and assessments throughout the year. Private voice lessons are encouraged for all members.

Voices of Bravery (Advanced)**

Voices of Bravery (Advanced) is comprised of 10th-12th grade men. An audition is required. The curriculum consists of fundamental vocal technique, ensemble skills, basic music literacy, and ear training through the preparation and performance of a variety of appropriate repertoire. Voices of Bravery (Advanced) rehearses as a class daily and performs at several concerts and assessments throughout the year. These men will be combined with men from Varsity Choir and Voices of Bravery (Beginning) for select performances. Private voice lessons are encouraged for all members.

Dolce Voce**

Dolce Voce is comprised of 9th grade women. The curriculum consists of beginning/intermediate vocal technique, ensemble skills, music literacy, and ear training through the preparation and performance of a variety of appropriate repertoire. Dolce Voce rehearses as a class daily and performs at several concerts and assessments throughout the year. Private voice lessons are encouraged for all members.

Bel Canto**

Bel Canto is designed for 10-12th grade women to provide them with a rigorous choral curriculum unique to their skill level and development. Membership is by audition only. The purpose is to provide experienced singers with further opportunities for performance, creativity and reflection within the rehearsal setting. Students can expect to grow vocally, musically, and academically in a safe and caring environment among their peers. Additional rehearsals and special performances may be required.

Varsity Choir**

Varsity Choir is designed for an auditioned group of 10th-12th grade men and women to provide them with a rigorous choral curriculum unique to their skill level and development. Membership is by audition only. The purpose is to provide experienced singers with further opportunities for performance, creativity and reflection within the rehearsal setting. Students can expect to grow vocally, musically, and academically in a safe and caring environment among their peers. Additional rehearsals and special performances will be required of this group.

Vocality

Vocality is the select a capella ensemble at Boone High School. Members of this group have demonstrated a strong sense of individual musicianship as well as strong ensemble skills. This ensemble will participate in local and regional a capella competitions annually. In order to be a member of this group, members must be part of a "core" ensemble.

****Core Ensembles**



Elective Courses

Digital Design I

What is it?

- A hands-on computer class where you will learn to use Adobe software—Photoshop, Illustrator, and InDesign.

What will I study?

- Photoshop is the main focus in Digital Design 1. You will learn to manipulate, crop, resize, and correct color on digital photos.

Photoshop is very popular amongst professional photographers and graphic designers.

Prerequisites

- Digital Information Technology (DIT)

Digital Design II

**Honors*

What is it?

- A hands-on computer class where you will learn to use Adobe software—InDesign, Dreamweaver, Illustrator, and Photoshop

What will I study?

- This year we will focus on Adobe InDesign, page layout software and Dreamweaver, web design software.
- The final exam is a 5-day project. Three free hours of Valencia credit is awarded for passing the final exam.

Prerequisites

- DIT and Digital Design 1

Digital Design III

**Honors*

What is it?

- A hands-on computer class using Adobe software.

What will I study?

- Digital Design 3 (Honors) students use Photoshop, InDesign, and Illustrator software to create projects for the school. In addition, you will create a portfolio of your work including a resume and cover letter.

Prerequisites

- DIT, Digital Design 1, Digital Design 2 (Honors)

Elective Courses

Digital Media

What is it?

➤ The purpose of this program is to prepare students for work as multimedia artists and animators. This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster. Students will work with, and gain industry certification for, a variety of Adobe applications.

What will I study?

➤ Photoshop, InDesign, Premiere Pro, Dreamweaver, HTML/CSS, and basic audio editing.

Prerequisites

➤ No prerequisites required.

Digital Video I

**Honors*

What is it?

➤ This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/ video recording, mixing, and editing.

What will I study?

➤ Provide technical skill proficiency, & includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, & occupation-specific skills, & knowledge of all aspects of the Audio/Video Technology cluster. The content includes, but is not be limited to, communication skills, leadership skills, human relations and employability skills, safe and efficient work practices, and preparation to assume responsibility for the overall production of digital video activities (e.g., scripts, lighting, camera operation, electronic news gathering, field/studio production, video editing).

Prerequisites

No formal prerequisites required

Digital Video II

What is it?

➤ This course provides students with intermediate level instruction in the digital video production process.

Prerequisites

➤ Successful completion of **Digital Video 1 Technology** with a grade of C or better

Average weekly homework

1-2 hours of student for academic components

Digital Video III

What is it?

➤ Students will participate in the digital video pre-production, production, and post-production processes. Training of control room and studio equipment rotations alongside of in field hands on experience with special event coverages.

Prerequisites

➤ Successful completion of both **Digital Video 1 & 2 Technology** with a grade of C or better, Adobe Premiere Pro CC 2018 industry certification and fill out an application of interest

Elective Courses

Digital Video IV

**Honors*

What is it?

› Students will demonstrate proficiency in all phases of the digital video production process (pre-production, production, post-production). In field hands on experience with special event coverages.

What will I study?

› See text from Digital Video 1.

Prerequisites

› Successful completion of both **Digital Video 1, 2 & 3** Technology with a grade of C or better, Adobe Premiere Pro CC 2018 industry certification and fill out an application of interest

Digital Video V

**Honors*

What is it?

› Students will demonstrate professionalism, develop interviewing skills, perform on camera in video productions, and complete all phases in the digital video production process.

What will I study?

› See text from Digital Video 1.

Prerequisites

› Successful completion of both **Digital Video 1-4 Technology** with a grade of C or better, Adobe Premiere Pro CC 2018 industry certification, conference with instructor and counselor to arrange for double classes in Digital Video

Digital Video VI

**Honors*

What is it?

› This course requires the student to plan, coordinate, and manage all aspects of a video or broadcast production.

What will I study?

See text from Digital Video 1.

Prerequisites

› Successful completion of both **Digital Video 1, 2, 3 & 5** Technology with a grade of C or better and enrolled for Digital Video 4 Technology, Adobe Premiere Pro CC 2018 industry certification, conference with instructor and counselor to arrange for double classes in Digital Video

Elective Courses

Draw/2D Art

What is it?

- 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.

Draw II/Draw III

What is it?

- Students will recreate various art styles incorporating their own subject matter (with teacher approval). Students will incorporate the art process throughout each art lesson. Creating, analyzing, and writing about art are the main focus.

What will I study?

- Draw 2 focuses on gaining an in depth understanding of various materials and Art Movements that have shaped the artworld.

Prerequisites

- Draw 1 or teacher portfolio review

Engineering: PLTW

**Honors*

Intro to ENGR

Year 1

- Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product.

Aerospace ENGR H

Year 2

- Students explore the physics of flight and bring what they're learning to life through hands-on projects like designing a glider and creating a program for autonomous space rover.

Principles of ENGR H

Year 3

- Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

Elective Courses

Foundations of Programming

What is it?

- › The study of marketing creating websites in HTML/CSS, basic programming in Python and Java

What will I study?

- › Creating websites, basic programming in Python, and basic programming in Java.

Prerequisites

- › No formal prerequisites required, but students are strongly encouraged to have prior computer related course.

French I

- › French 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities. No formal prerequisites required.

French II

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

French III **Honors*

- › French 3 provides mastery and expansion of skills acquired by the students in French 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.
Prerequisites: French 1 and 2

Elective Courses

Game & Simulation

This program is project-based and focuses on broad, transferable skills and stresses understanding and demonstration of the following rudiments of the game and simulation industry: production, planning, elements of production design, elements of visual design. Students will learn how to create environments and characters for use in game/simulation.

Game & Sim (K/L)

Year 1: Only offered 9th/ 10th/11th

➤ Introduction of the game industry and gain a solid foundation in the core game design software currently used in the field. The main software we use is the Unreal Engine which is the same software that created the game Fortnite. This software is used to consolidate assets and create our games.

Game & Sim (M/N)

Year 2: Only offered 11th/12th

➤ The second year heavily focuses on implementation and creation of game assets. It also introduces learning game logic and coding within the Blueprint System.

Game & Sim Graphic

Year 3: Only offered 12th

➤ Students are expected to concept and create their own games using the Unreal Engine. Students will create their own worlds and issues that they then must solve through coding and logic.

HOPE

Graduation Requirement

What is it?

➤ The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach.

What will I study?

➤ In addition to the physical education content represented in the benchmarks below, specific health education topics within this course include, but are not limited to: *Mental/Social Health, Physical Activity, Nutrition and Wellness, Diseases and Disorders, First Aid/CPR, Alcohol, Tobacco, and Drug Prevention, Human Sexuality including Abstinence and HIV, and Internet Safety*

Average weekly homework

➤ Majority of the assignments can be completed during class time. If students do not complete during class, it will be assigned as HW.



Students are able to receive a waiver for the HOPE requirement if they have participated in one interscholastic sport at the JV or Varsity level for two full seasons.

Horticulture *Honors

Year 1: Horticulture 2

What is it?

➤ This course is designed to develop competencies in the areas of career opportunities; global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; pest control, pruning; plant installation; transplanting; safe hand-tool use; and employability skills.

Prerequisites

➤ Agriscience Foundations

Horticulture 3 *Honors

Year 2: Horticulture 3

What is it?

This course is designed to

Prerequisites

➤ Horticulture 2

Elective Courses

Journalism I

What is it?

- › The prerequisite to join one of the journalism publications on campus: Legend yearbook, Highlights newspaper, boonepubs.com. Learn and apply journalistic style writing practices, design and photography skills in individual and group projects. Students will work with Adobe InDesign and PhotoShop.

What will I study?

- › History of American journalism, interview and photography skills, yearbook and newspaper layout, and different styles of journalistic writing

Prerequisites

- › No prerequisites required.

Journalism III

What is it?

- › This class creates content for Boone Publications online website and Highlights print newspaper. Students will work with Adobe InDesign and PhotoShop. There are required outside of school assignments and activities.

What will I study?

- › Interview and photography skills, newspaper layout, different styles of journalistic writing and create posts for the boonepubs.com.

Prerequisites

- › Journalism 1. Students must complete an application with Miss Norris.

Elective Courses

Orchestra

What is it?

- Orchestra class has all string instruments: violins, violas, cello, and bass. We perform 4 concerts a year in our new auditorium. Students can sign up as beginners (orch 1), or advanced players.

What will I study?

- Students will perform all types of repertoire including classical, contemporary, pop, and movie soundtracks. They will also have the chance to perform in small groups, all-county ensembles, and perform at art festivals.

Prerequisites

- Bring your own instrument if you have one. Otherwise, instruments are available to use from the school.

Philosophy

**Honors*

0.5 credit (semester course that is typically paired with Anthropology Honors)

What is it?

- An introduction to the study of the major philosophical ideas and questions posed in history. This is a strong prep for college general education coursework and a solid choice for an academic elective.

What will I study?

- Students will study the major philosophers of history and their contributions to western and eastern civilizations, applying and connecting these ideas to their modern life.

Prerequisites

- None, but World History or American History will help.

Elective Courses

ROTC

What is it?

- To instill in students the values of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. In addition we provide service to our school, our community and our country by:
- Promoting Patriotism
 - Promoting Academic Excellence
 - Developing Self Discipline
 - Develop an informed and responsible citizen
 - Develop a strong and well-rounded character traits
 - Develop leadership traits
 - Promote the development of teamwork skills
 - Provide opportunities for students to assume leadership roles in the program
 - Develop qualities of integrity and attention to detail
- NJROTC has 8 Competition Teams: Academic, Athletic, 2 Armed and 2 UnArmed Drill Teams, Marksmanship and Orienteering. NJROTC goes on 5 Field Trips per year to aviation and military museums.

New Cadet Basic Leadership Training begins 2 weeks before school starts.

Spanish I

What is it?

- Spanish 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

Elective Courses

Spanish II

What is it?

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

Prerequisites

Spanish 1

Spanish III Honors

What is it?

Spanish 3 provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people. You are going to learn poems and songs in Spanish.

What will I study?

A large range of careers for which is a plus to be bilingual.

Prerequisites

Spanish 1 and Spanish 2

Spanish SPKS I

What is it?

The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. Language Arts Standards are also included in this course to enable students to become literate in the Spanish language and gain a better understanding of the nature of their own language as well as other languages to be acquired. The course content will reflect the cultural values of Spanish language and societies

What will I study?

A large range of careers for which is a plus to be bilingual.

Prerequisites

No formal prerequisites required.

Elective Courses

Spanish SPKS II

What is it?

➤ The purpose of this course is to enable students whose heritage language is Spanish to develop, maintain, and enhance proficiency in their heritage language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar skills acquired in Spanish SPKS 1. Students are exposed to a variety of Spanish literary genres and authors.

What will I study?

➤ A large range of careers for which is a plus to be bilingual.

Prerequisites

➤ Spanish Speakers 1

Theatre I

What is it?

➤ Introduction to the world of theatre. Students will receive an overview of producing theatre.

What will I study?

➤ Acting, Pantomime, Technical Theatre. Students will learn to perform in front of their peers

Prerequisites

➤ No formal prerequisites required

Theatre (Advanced)

What is it?

➤ This is a three year track where students will gain a more in-depth knowledge of performing as an artist.

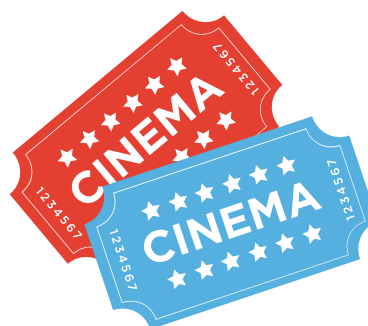
What will I study?

➤ Theatre History, Acting Techniques, Uta Hagen

Prerequisites

➤ Students need to audition for this class. They need to have instructor approval.

BOONE HIGH SCHOOL
THEATRE DEPARTMENT



Elective Courses

Technical Theatre

What is it?

- A four year program where students will learn about all areas of technical theatre and help support the technical needs of the productions.

What will I study?

- Set Construction, Costume Design and Build, Lighting Design, Sound Engineering

Prerequisites

- For level 1, students do not need to take a class before. Freshman need instructor approval.

Theatre- Directing and Stage Management

What is it?

- Students will take a two year program where they dive into the world of directing and stage management.

What will I study?

- Skills to stage manage and direct a full production.

Prerequisites

- Theatre 1 or Tech 1



#1139 LIFE



Elective Courses

Volleyball

What is it?

- This course is designed to provide students with opportunities to acquire knowledge and skills for volleyball and improve personal fitness. The course will include in-depth knowledge and application of the fundamentals of personal fitness, sport-specific skills, techniques, strategy, officiating, as well as the rules and safety necessary to successfully play volleyball.

What will I study?

- Rules, strategies, and skills of the sport of volleyball, to identify the importance of teamwork, to understand the benefits of warming up and cooling down, to identify and practice safe strategies to prevent injuries, to learn the benefits of maintaining good flexibility, to understand the importance of maintaining high levels of personal fitness, to identify lifetime activities to maintain overall health.

Prerequisites

- There are no formal Prerequisites for this course.

Academy of Health Science

Medical Skills & Services

9th Grade

What is it?

- › An introduction to the healthcare system including healthcare careers, first aid, global health, and skills used in healthcare.

What will I study?

- › Healthcare career pathways, basics of infection and first aid, career skills in global health.

Prerequisites

- › No prerequisites required.

Health Science Anatomy & Physiology

10th Grade

What is it?

- › The study of anatomy and physiology with a focus on healthcare including skills that can be applied to each system.

What will I study?

- › Anatomy and physiology, diseases and disorders, medical terminology, healthcare careers and skills that apply to each system.

Prerequisites

- › No prerequisites required; minimum 2.0 GPA.

Health Science Foundations

**Honors*

11th Grade

What is it?

- › The study of healthcare concepts and skills to prepare the student to become a healthcare worker.

What will I study?

- Legal and ethical issues
- Infection control
- Patient care skills

Prerequisites

- › Health Science A & P Honors (can also be taken concurrently); minimum 2.5 GPA

EKG Tech Honors/Directed Studies

**Honors*

12th Grade

What is it?

- › Students spend 3 days per week in clinicals at Orlando Health, and complete 5 rotations in a variety of health-care careers to apply their skills from Foundations. Students also complete coursework to become certified EKG technicians.

What will I study?

- Health Care Careers
- EKG

Prerequisites

- › Health Science Anatomy & Physiology Honors, Health Science Foundations Honors; minimum 2.5 GPA. Students must complete application & interview.



WILLIAM R. BOONE MAGNET PROGRAM

ARE YOU INTERESTED IN ONE OF OUR MAGNET
PROGRAMS AT BOONE?

Please check out the four year plan by clicking
the program below.

CRIMINAL JUSTICE FINANCE LAW

Informational Video

Prospective Magnet students must complete the Orange
County Public School application which you can find
at <http://schoolchoice.ocps.net>. The application needs to
be submitted online via the OCPS school choice webpage.

VISIT OUR WEBSITE AT
WWW.BOONEHS.OCPS.NET/ACADEMICS/MAGNET

College Dual Enrollment

The Dual Enrollment Program enables qualified public, private and home education students an opportunity to participate in an academic acceleration program.

Dual Enrollment allows students to pursue an advanced curriculum that earns the student **both high school and college credit simultaneously.**

To learn more information about Dual Enrollment at Valencia College, UCF, or the Orange County Technical Centers please go to their respective pages in this catalog. Although each program has requirements that are specific to them individually, it is expected that students in all programs show **academic readiness, social maturity, and motivation.**



1

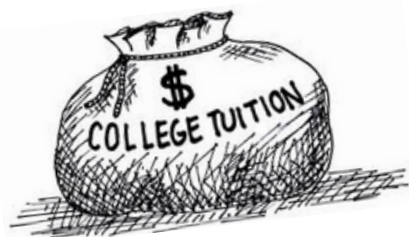
Explore interesting subjects through a variety of course offerings

2

Experience the college atmosphere

3

Offset the cost of college education



College Dual Enrollment

VALENCIA COLLEGE



WHAT IS DUAL ENROLLMENT?



What is Dual Enrollment (DE)?

The Dual Enrollment Program enables qualified public, private and home education students an opportunity to participate in an academic acceleration program. Dual Enrollment allows students to pursue an advanced curriculum that earns the student both high school and college credit simultaneously.

GPA AND TEST SCORES AT A GLANCE

Juniors: Unweighted 3.0 high school GPA

Seniors: Weighted 3.0 high school GPA

Test Score	Reading	Writing - English	Math 	Math 
PERT	106	103	114	123
SAT	24	25	24	26.5
ACT	19	17	19	21

 = College Algebra

 = Intermediate Algebra

CONTACT INFORMATION


West Campus

 Student Services Building (SSB), Suite 146

 Phone: 407-582-1600

 Email: dualenrollment@valenciacollege.edu


East Campus

 Building 5, Room 211

 Phone: 407-582-1600

 Email: dualenrollment@valenciacollege.edu

Osceola Campus

 Building 3, Room 103

 Phone: 407-582-1600

 Email: dualenrollment@valenciacollege.edu

College Dual Enrollment



UNIVERSITY OF CENTRAL FLORIDA



ADMISSION REQUIREMENTS

- ✓ Be enrolled as a student in a Florida public or nonpublic secondary school or in a home education program** (grades 6-12)
- ✓ Have a minimum 3.8 high school GPA (as re-calculated by UCF using only academic core courses).
- ✓ Present SAT or ACT scores of at least:
 - SAT: 1330 (Evidence-based Reading and Writing + Math)
 - ACT: 28 (Composite)

PLEASE CHECK THE UCF
DE WEBSITE FOR
APPLICATION DEADLINES

UF | Dual Enrollment
UNIVERSITY of FLORIDA

Fully online courses

click here

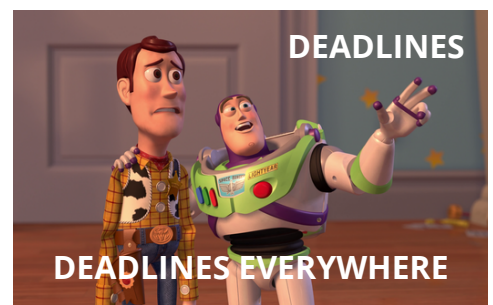


ADMISSION REQUIREMENTS

- Be enrolled as a Junior or Senior in high school
- Maintain a 3.6 unweighted GPA

Take one of the three following standardized tests:

- SAT- with a 1100 composite score
- ACT- with a 22 composite score
- PSAT- with a 1130 composite score



Technical College Dual Enrollment



OCPS ORANGE
TECHNICAL COLLEGE

DUAL ENROLLMENT APPLICATIONS ARE NOW AVAILABLE

Are you a 10th grader?

Do you have at least a 2.0 unweighted GPA?


Are you currently on track for graduation?



If so...

**ORANGE TECHNICAL COLLEGE
DUAL ENROLLMENT MAY BE
THE PERFECT CHOICE FOR YOU!**

Benefits

- 
- Attend classes at Orange Technical College
 - Earn college credit, industry certifications and career skills
 - Most programs are AP weighted
 - Free bus transportation to and from your high school
 - Get a jump start on your desired career – over 50 careers to choose from!

Ms. Seante Borden

Seante.Borden@ocps.net

Industry Certification

Industry certification is a credential that documents the level of technical skill mastery an individual has achieved. Each career field has a specific certification that is recognized throughout that industry for specific technical skills. Achieving an industry certification is a valuable component of your career portfolio and is critical to representing your professionalism and dedication to your career.

Below are the courses that Boone High School has to offer and the listed Industry Certification opportunities

Course Name	Industry Certification
Advanced Information Technology	Intro to Programming using HTML and CSS
Aerospace ENGR	Autodesk Certified User-Inventor
Agriscience Foundations	Agriculture Association Certification
AP Computer Sci A	Intro to Programming using JAVA
AP Computer Sci Principles	Intro to Programming using JavaScript
Creative Photo 1,2,3	Adobe Certified Associate-Photoshop
Digital Design 1	Adobe Certified Associate-Photoshop
Digital Design 2	Adobe Certified Associate-InDesign
Digital Design 3	Adobe Certified Associate-Illustrator
Digital Info Tech	Microsoft Office Specialist
Digital Video Prod 3-6	Adobe Certified Associate-Premiere Pro
Digital Video Tech	Adobe Certified Associate-Premiere Pro
EKG	Certified EKG Technician

Course Name	Industry Certification
Foundations of Programming	Intro to Programming using HTML and CSS
	Intro to Programming using Python
	Intro to Programming using Java
	Adobe Certified Associate Dreamweaver
Game & Sim Designer	Adobe Certified Associate-Photoshop
Game & Sim Graphic Art	Adobe Certified Associate-Photoshop
Horticulture Science 3	Certified Horticulture Professional
Intro to ENGR Design	Autodesk Certified User-Inventor
Journalism	Adobe Certified Associate-Photoshop
	Adobe Certified Associate-InDesign
	Adobe Certified Associate-Illustrator
Principles of Engineering	Engineering Core Certification
Procedural Programming	Intro to Programming using Java
	Intro to Programming using Python