

HIGH SCHOOL COURSE GUIDE



2020-21

OCP Missions Statement:

Orlando Christian Prep is a K2-12th grade college-preparatory school that is committed to a Christ-centered curriculum that will prepare our students to be successful in college and life. It is Orlando Christian Prep's desire to shape tomorrow's leaders through a biblical foundation by increasing wisdom, knowledge and spiritual understanding of God's ideal plan for their lives, as based on Colossians 1:9-10.

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GRADUATION REQUIREMENTS

Language Arts | English I, II, III, IV

4 credits

Mathematics | Algebra I, II, Geometry, One additional

4 credits

Science | Biology, Chemistry, Two Additional

4 credits

Social Sciences | Geography, World History,
American History, Government/Economics

4 credits

World Languages | 2 consecutive years of the same language

2 credits

Bible | 1 Year of Bible each year at OCP

4 credits

Physical Education | HOPE (Personal Fitness/Health)

1 credit

Fine Arts | Performing and/or Practical Arts

1 credit

Electives | See options in High School Course Directory

4 credits

28 Total Credits for Graduation.

Additional Graduation Requirements:

One FLVS Class

100 community service hours

Unweighted GPA of 2.0 on a 4.0 scale

Rank Awards:

Suma Cum Laude: 4.0 or higher GPA and Satisfactory Conduct

Magna Cum Laude: 3.75-3.99 GPA and Satisfactory Conduct

Cum Laude: 3.5- 3.74 and Satisfactory Conduct

ACADEMIC SPECIFICATIONS



High School students, with assistance from the **Guidance Counselor**, will build a schedule of classes from three academic levels. Some courses carry prerequisites that must be met prior to scheduling. In addition, Honors and Advanced Placement courses may require a teacher recommendation.

College Prep

These courses follow a core curriculum (English, Math, Science, World Language, and Social Sciences) that will prepare students for admission to most colleges.

Honors

Honors courses offer a core curriculum that provides greater depth of subject matter and may include assignments that require more independent work effort. Students must meet academic qualifications including prerequisites to enroll in these classes, and may require a teacher recommendation. Honors level courses prepare students for admission to competitive colleges, and are weighted by a factor of .5 (one-half point).

Advanced Placement

Advanced Placement (AP) courses offer college-level curriculum. They require prerequisite classes, grade point average minimums, and teacher recommendation to enroll. AP courses are nationally recognized as academically challenging and are designed for the motivated student. College credit may be earned at the end of the course by successfully completing a standardized test. Advanced Placement courses prepare students for selective colleges with more rigid admissions standards, and are weighted by a factor of 1.0 (one point).

Dual Enrollment

OCP's Dual Enrollment Program is offered through Southeastern University and is taught on campus by an Orlando Christian Prep certified adjunct instructor. Your student's official college transcript will be maintained by Southeastern University and is fully transferable to the college of your student's choosing. The cost of each 3 credit course is \$75.00, which includes the textbook. Earning both high school and college credit simultaneously on our campus is an incredible opportunity for your child. Please contact the OCP guidance counselor to learn more about how your child can be a part of this great program.

FLVS - Florida Virtual School

It is a graduation requirement at OCP for each student to complete one FLVS course. At times students may also need to complete an FLVS course due to scheduling conflicts or course availability.

LANGUAGE ARTS



English I (Honors and Standard) - 1 Credit | 9th Grade

Language mechanics, literature, and vocabulary enrichment are the main components of English I. Language mechanics emphasizes paragraph development. Literature focuses on analyzing novels, dramas, poetry, and short stories for literary elements such as plot, theme, conflict, and point of view. Vocabulary words are taken from literature and supplemental books.

English II (Honors and Standard) - 1 Credit | 10th Grade

This course emphasizes grammar, literary analysis, and vocabulary enrichment. Students read and write about works of various novels. Grammar and editing skills are reinforced in essays and a research paper. Vocabulary enrichment emphasizes interdisciplinary words and their spelling.

English III (Standard) - 1 Credit | 11th Grade

This course emphasizes grammar in the writing process and analysis of literature. Students write essays in a variety of genres with an emphasis on effective paragraphs and sentences; clear communication; and sentence expanding, combining, and reducing. Vocabulary enrichment includes Latin roots, prefixes and suffixes, and prepares students for the SAT and ACT.

AP English Language - 1 Credit | 11th Grade

An AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations.

English IV Standard- 1 Credit | 12th Grade

This course focuses on improving skills in grammar, punctuation, and rhetoric as well as developing the skills needed to analyze the written word. This will be accomplished through reading, discussing, and analyzing a variety of texts. Texts will include different genres such as novels, poetry, prose, short stories and articles.

English 1133 Composition I Dual Enrollment SEU - 1 Credit (3 College Credit Hours)

12th Grade

Study and practice in the critical reading and effective writing of expository prose, with an emphasis on fluency and style.

English 1233 Composition II Dual Enrollment SEU - 1 Credit (3 College Credit Hours)

12th Grade

Prerequisite: English 1133

This course includes study and practice in the critical reading and effective writing of argumentative and expository prose, with an emphasis on the documented paper. A research paper is required.

MATHEMATICS



Algebra I (Honors and Standard)- 1 Credit

| 8th/9th Grade

Prerequisite: Pre-Algebra

This course emphasizes solving and graphing linear equations and inequalities. Students also study exponent properties, quadratic equations, matrices, factoring, and radicals.

Algebra II (Honors and Standard)- 1 Credit

| 9th/10th Grade

Prerequisite: Algebra I

Algebra II is a second year algebra course for students in grades 10-12 who have successfully completed Algebra I. Topics introduced in Algebra I will be studied further including linear equations and inequalities, matrices, quadratic equations, functions, polynomials, and radicals. Other topics covered are exponential, logarithmic, polynomial, and rational functions.

Geometry (Honors and Standard)- 1 Credit

| 9th/10th Grade

Prerequisite: Algebra I

Topics studied include reasoning and logic, lines in a plane, polygons and their properties, circles, transformations, planar and space measurements, and trigonometric functions.

Financial Algebra - 1 Credit | 12th Grade

Financial Algebra is an applications-rich, algebra-based, technology-oriented program that incorporates mathematical skills from Algebra 2, Precalculus, Calculus, Probability, and Statistics in real-world contexts. Topics include: Banking, Investing, Credit, Employment and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting. The course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. The mathematics topics contained in this course are introduced, developed, and applied in an as-needed format in the financial settings cover. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings.

MATH 1213 College Algebra DE SEU - 1 Credit (3 College Credits) | 11th/12th Grade

In this course a systematic development of fundamental algebraic operations is stressed.

Included in this development are systems of linear equations and inequalities; linear, quadratic, exponential and logarithmic functions; absolute value equations; radicals; conic sections.

MATH 1413 Precalculus DE SEU - 1 Credit (3 College Credits) | 11th, 12th Grade

*Offering is subject to change

This course covers algebraic relations and functions, systems of equations, rational functions, polynomials, exponential functions and logarithms, trigonometric functions and their inverses, graphs and identities.

MATH 2023 Introduction to Probability and Statistics DE SEU- 1 Credit (3 College Credits) 11th, 12th Grade

*Offering is subject to change

Prerequisite - Math 1213 College Algebra

This course is an introduction to the concepts and methods of probability and statistics. The course is designed for students interested in the application of probability and statistics in business, economics, and the social and life sciences. Topics include descriptive statistics, probability theory, random variables and probability distributions, sampling distributions, analysis of variance, correlation and regression.

SCIENCE



Physical Science Honors - 1 Credit | 9th Grade

This course covers introductory topics in chemistry and physics and prepares students for upper level courses in these areas. Topics build a foundation of basic knowledge regarding matter and measurements early in the text, then furnishes the student with the key principles and scientific laws of classical physics, thermodynamics, electricity, magnetism, sound, light, and optics. Many lab activities give students first hand knowledge of the laws and principles covered in this course.

Biology Honors - 1 Credit | 10th Grade

This course shows your student God's power and glory in creation as he learns about cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. When studying topics such as creation and evolution, human cloning, abortion, and stem cell research, students are pointed to Scripture as the ultimate authority and are encouraged to develop a biblical perspective about these topics.

Chemistry Honors - 1 Credit | 11th Grade

This course requires a good grasp of Algebra. Students study measurement, significant figures, atomic structure, atomic theory, elements, compounds, mixtures, solutions, the periodic table, chemical bonding, chemical reactions, stoichiometry, molecular geometry, energy, heat, temperature, acid-base chemistry, and gas laws. Many labs give students an opportunity for hands on experiences.

Environmental Science - 1 Credit | 12th Grade

This course is the study of how living things interact with the environment, biomes, energy, renewable and non-renewable resources. Course will also explore issues such as global warming, pollution, and other environmental concerns. Students will be encouraged and challenged to think about sustainable practices, environmental responsibility and global awareness.

Life Science 1034 Elective Dual Enrollment SEU - .5 Credit (4 College Credit Hours)

| 11th/12th Grade

Prerequisite: Physical Science and Biology

This course includes the major biological principles and their application to the general health and well-being of humankind. Problem solving and an explanation of biological phenomena are expected to be the basic process development approaches.

Biology 1233 Dual Enrollment SEU - 1 Credit (4 College Credit Hours)

| 11th/12th Grade

Prerequisite: Physical Science and Biology

This course is an overview of cell structure, physiology, genetics, origins, ecology, and classification of living forms.

SOCIAL SCIENCES



Cultural Geography- 1 Credit | 9th Grade

Cultural Geography 9 surveys the principles of geography through a regional approach. Students will “travel” from continent to continent around the world studying the geography, cultures, landforms, climates, resources, economy, religions, and government of each country.

World History Honors and Standard- 1 Credit | 10th Grade

This course is designed to bring students to a more in-depth understanding of Creation, and the Ancient World. Based on the textbook, the teacher-generated power-point presentations are used to study the great movements of God throughout history – as well as why civilizations rise and fall. An appreciation for how archeology has changed over time (especially now in our current high-tech world) will also be incorporated. Lessons from the Bible are an easy fit with most units and are used as regular supplements to lessons.

US History- 1 Credit | 11th Grade

United States History recounts the story of our nation's history from its discovery and colonization up to the present day. Special attention is given to God's providence and America's Christian heritage. This high school level history textbook is presented in an engaging narrative style and seeks to bring United States history to life.

AP US History- 1 Credit | 11th Grade

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship.

American Government- .5 Credit | 12th Grade

This course is designed to teach an appreciation for America's God-given heritage of liberty, how the U.S. government is Constitutionally-organized, and how it works in practice. Each week student-selected current event papers will be required for classroom discussion. Each year's fall campaigns and elections will be monitored closely and speakers from government will be brought in to address the class from time to time. Developing a working knowledge of all sides of hot-button issues will be encouraged – as will participation in the democratic process.

AP US Government - .5 Credit | 12th Grade

The AP United States Government and Politics course follows the recommendations of the College Board and is designed to meet or exceed the objectives of a one-semester college course. The purpose of this course is to know important facts, concepts, and theories pertaining to U.S. government and politics. Students will understand typical patterns of political processes and behavior and their consequences Upon completion of the course, students will be able to analyze and interpret basic data relevant to U.S. government and politics. This will include the skills needed to critically analyze relevant theories and concepts, apply them appropriately, and develop their connections across the curriculum.

Economics Honors and Standard - .5 Credit | 12th Grade

Economics introduces and explores key principles relating to the economy, including personal spending, household purchases, and the stock market. Students will also address issues related to national and global economic systems and policies. Students will gain the knowledge and decision-making tools necessary for understanding how society organizes its limited resources to satisfy its wants and understand the choices that must be made as producers, consumers, investors, and taxpayers.

WORLD LANGUAGES



Spanish I - 1 Credit

8th, 9th, 10th, 11th Grade

Spanish I introduces the student to the Spanish language and its culture. Spanish vocabulary and grammar are included. An understanding, both written and spoken, of basic conversational Spanish is emphasized.

Spanish II - 1 Credit

9th, 10, 11th, 12th Grade

Spanish II reinforces and expands the foundation laid in Spanish I. It will broaden the students' understanding and usage of the language and the culture.

BIBLICAL STUDIES



Dynamic Christian Living - 1 Credit

9th Grade

This course teaches students how to use Scripture to navigate a dark and fallen world by tackling some of life's current challenges in light of the Gospel. Students will identify secular world views in comparison to a Biblical worldview in application to modern times and circumstances and how to determine the best path according to God's Word.

Apologetics - 1 Credit

10th Grade

Does the Bible have authority in a world committed to relative truth? The understanding of absolute, objective truth has been largely lost. Spend a few minutes discussing politics or religion and you'll hear responses such as "There is no truth!" or "That may be true for you, but not for me". This course is designed to inspire and enable students to better understand Christian theology and apologetics. The knowledge gained will assist students make a connection between biblical principles and their relevance to current life issues.

Bible Ethics / Moral Development in Contemporary Society - 1 Credit

11th Grade

This course consists on the understanding and development of moral conduct from a biblical foundation in relationship to contemporary views of ethical development. The primary focus areas for this course pertains to the study of the foundations of ethical thought and theories as well as the process of moral development. Content includes, but is not limited to: the sources of biblical and social ethical beliefs and practices, traditional ethical theories, the strengths and weaknesses of the principal models of moral development, the difference between an ethical choice and a legal decision, biblical views on major ethical questions in American society, and current ethical issues in the local and national arena.

Bible Philosophy / Christian Thought and Modernity - 1 Credit

12th Grade

OCP's High School Philosophy course consists on the understanding and development of philosophical thought from a biblical foundation in relationship to modern philosophical views within our society. The primary focus areas for this course pertains to the study of the foundations of philosophical thought and theories as well as questions pertinent to all areas of human activity and inquiries. Content includes, but is not limited to: an introduction to classical and modern philosophies, an introduction to Christian theology and its response to modernity, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and religious, social and political philosophies.

VISUAL FINE ARTS



Drawing I - .5 Credit

9th, 10th, 11th, 12th Grade

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.

Painting I - .5 Credit

9th, 10th, 11th, 12th Grade

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.

3D Studio Art I - .5 Credit

10th, 11th, 12th Grade (9th graders with teacher recommendation only)

Prerequisite: One year of High School art and recommendation from Art Teacher

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. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works. This course incorporates hands-on activities and consumption of art materials.

Printmaking I - .5 Credit

10th, 11th, 12th Grade (9th graders with teacher recommendation only)

Prerequisite: One year of High School art and recommendation from Art Teacher

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in printmaking. Media may include, but are not limited to intaglio, lithography, relief printing, and wood block printing. 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.

PRACTICAL|PERFORMING ARTS



Vocal Ensemble I - .5 Credit

9th, 10th, 11th, 12th Grade

Students with little or no experience in a vocal ensemble develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Student musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. 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.

Music Theory I - .5 Credit

9th, 10th, 11th, 12th Grade

Students learn how music is constructed and developed, and acquire a basic understanding of the structural, technical, and historical elements of music. Student theorists develop basic ear-training, keyboard, and functional singing skills, and engage in the creative process through individual and collaborative projects. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre I - .5 Credit

9th, 10th, 11th, 12th Grade

Students' course work focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music in theatre from ancient Greece to modern Broadway through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. 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.

Instrumental Techniques I - .5 Credit

9th, 10th, 11th, 12th Grade

Students in this entry-level class focus on the development of musical and technical skills on a specific instrument through etudes, scales, and selected music literature. Through problem-solving, critical thinking, and reflection, students develop the physical and cognitive skills to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source.

Band I - .5 Credit

9th, 10th, 11th, 12th Grade

Prerequisite- Music Techniques

This entry-level class, designed for students having little or no previous band experience with woodwind, brass, and/or percussion instruments, promotes the enjoyment and appreciation of music through performance of high-quality, beginning wind and percussion literature from different times and places. Rehearsals focus on the development of critical listening/aural skills; rudimentary instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.

Band II - 1 Credit

10th, 11th, 12th Grade

Prerequisites - Band I OR Audition with Teacher Recommendation

This year-long, beginning-level class, designed for students with at least one year of woodwind, brass, and/or percussion ensemble experience, promotes the enjoyment and appreciation of music through performance of high-quality wind and percussion literature. Rehearsals focus on the development of critical listening skills, instrumental and ensemble technique and skills, expanded music literacy, and aesthetic awareness culminating in periodic public performances.

PRACTICAL|PERFORMING ARTS



Band III - 1 Credit

11th, 12th Grade

Prerequisites - Band II OR Audition with Teacher Recommendation

This year-long, formative class, designed for students ready to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate-level wind and percussion literature. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances.

Band IV - 1 Credit

11th, 12th Grade

Prerequisites - Band III OR Audition with Teacher Recommendation

This year-long, intermediate-level course, designed for students who demonstrate proficiency in woodwind, brass and/or percussion techniques, music literacy, critical listening/aural skills, and ensemble performance skills, promotes greater engagement with and appreciation for music through performance and other experiences with a broad spectrum of music, as well as creativity through composition and/or arranging.. Study includes cultivation of well-developed instrumental ensemble techniques and skills, music literacy and theory, and deeper aesthetic engagement with a wide variety of high-quality repertoire.

Introduction to Drama - .5 Credit

9th, 10th, 11th, 12th Grade

Students explore various performance, technical, and administrative aspects of theatre. Students learn about basic characterization through physical activity, reading selected theatre literature, reading and writing theatrical reviews, and analysis of such tools as scripts, costuming, and theatrical makeup. Public performances may serve as a resource for specific instructional goals. Students may be expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Acting I - .5 Credit

9th, 10th, 11th, 12th Grade

Prerequisite: Introduction to Drama or an active member of the International Thespian Society

Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Upon completion of this course, students have a strong foundation for future scene work, script analysis, and play production. 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.

Technical Theatre Design and Production I - .5 Credit

9th, 10th, 11th, 12th Grade

Prerequisite: Introduction to Drama or an active member of the International Thespian Society

Technical Theatre provides the opportunity to learn and apply the crafts and technologies of the "backstage" world of the theatre. Students will explore the following aspects of technical theatre through engaged learning and active participation in the classroom: safety, set design, properties, costuming, makeup and hair, lighting, sound, stage management, publicity, dramaturgy, and other aspects of theatre design.

Yearbook - 1 Credit

10th, 11th, 12th Grade

This course teaches the art of producing a yearbook. Students will gain experience in photography, design and layout, editing, and marketing skills.

Leadership Skills Development - 1 Credit

9th, 10th, 11th, 12th Grade - with essay and approval

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

PRACTICAL|PERFORMING ARTS



Principles of Marketing - .5 Credit

9th, 10th, 11th, 12th Grade

This course addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling. Students will be encouraged to develop their knowledge, soft skills, and experiences to become a productive member of both the class and society. Spiritual application will be implemented in this course to emphasise the development of Christian character and aspects of personal finances. Students will also get the opportunity to enhance their current talents, skills, and traits through our focused efforts on writing, applications, resumes, presentations, computing, research, investigating, interviewing, problem solving, and reporting.

Digital Video Production - .5 Credit

9th, 10th, 11th, 12th Grade

In this high school elective class, students become the staff of the OCP Student News. Students film, edit, and publish a short weekly news program to be viewed by the staff and student body weekly and posted to social media. This process involves journalism, script writing, interviewing, filming, and editing. Students also learn the history, terminology, techniques, and careers in television production and broadcast journalism.

Introduction to Technology/Digital Resources- .5 Credit

9th, 10th, 11th, 12th Grade

The course will evaluate how social networks, communication media and devices, digital information, and security attacks are used. It also will evaluate the impact the internet had on global communication as well as technology has on lifelong learning, our culture, our personal lives, businesses, and organizations while learning how to combat cyberbullying. Digital resources will be evaluated by considering if it is reliable, accurate, appropriate or biased. We will examine the impact computer based laws and government regulations have on different types of software licenses, rights to distribute information, the security of networks, digital privacy, and intellectual property. Students will learn how to use different modes of communication and collaboration to publish key ideas and details for different audiences using digital tools and resources. Students will also learn how digital tools and resources can be used efficiently and effectively as well as how different file types are used for different purposes. Finally, students will learn about the principle components of a computer, the criteria used for purchasing or upgrading a computer system as well as selecting the right devices and programs to solve real world problems.

Computer Science Discoveries - .5 Credit

9th, 10th, 11th, 12th Grade

This Course is an introductory computer science course for 6 - 10th grade students. Mapped to CTSA standards, the course takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

PHYSICAL EDUCATION ELECTIVES



HOPE (Health Opportunities in Physical Education) - 1 Credit

8th, 9th Grade

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will combine the learning of principles and background information in a classroom setting with physical application of the knowledge. A majority of class time should be spent in physical activity.

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
- Components of Physical Fitness
- Nutrition and Wellness Planning
- Diseases and Disorders
- Health Advocacy

Personal Fitness - .5 Credit

9th, 10th, 11th, 12th Grade

The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success.

Comprehensive Fitness - .5 Credit

10th, 11th, 12th Grade

Prerequisite: Personal Fitness

The purpose of this course is to enable students to develop an understanding of fitness concepts, design a personal fitness program, and develop an individualized level of health-related fitness. Appropriate instructional practices and assessments are used to elicit evidence of student understanding and proficiency of course specific benchmarks related to Cognitive Ability, Movement Competency, Lifetime Fitness, and Responsible Behavior and Values.

Basketball I - .5 Credit

9th, 10th, 11th, 12th Grade - with guidance recommendation

Basketball II - .5 Credit

10th, 11th, 12th Grade - with guidance recommendation

The purpose of this course is to provide more in-depth instruction of the fundamental skills, tactics, rules and etiquette in basketball.

Introduction to systems of play will be included to enhance the student's understanding.

Advanced skills and drills which directly affect student's physical and cognitive abilities will be covered. Students will participate in advanced individual and team techniques in relationship to basketball strategy. Participate in course activities will continue to enhance healthy behaviors that influence students to participate in physical activities throughout their life.

Team Sports I - .5 Credit

9th, 10th, 11th, 12th Grade

The purpose of these courses is to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.

Team Sports II - .5 Credit

10th, 11th, 12th Grade

Prerequisite - Team Sports 1

The purpose of this course is to continue to develop the physical skills necessary to be competent in many forms of movement, knowledge of team sports concepts such as offensive and defensive strategies and tactics, and appropriate social behaviors within a team or group setting. The integration of fitness concepts throughout the content is critical to the success of this course.