

23-24 Course Descriptions

ALGEBRA 2

Did you enjoy Pre-Algebra and/or Algebra I? Well if you said yes, then you will definitely look forward to this class. Want to solve for variables? WE HAVE THAT! Want to solve large and complex functions? WE HAVE THAT TOO! This class will take the basics you have learned before and take them to the next level, which is where you can really see the question “Where am I ever going to use this?” answered. This class will reinforce the knowledge you have of functions, types of numbers, various terms from expressions and equations, and the coordinate plane, but then taking them to the next level and showing you how well they truly come into play with our daily lives.

American Sign Language 1

ASL 1 is a beginner course into the introduction of American Sign Language and Deaf Culture. The goal is to keep voices off, eyes open as we use and practice our visual skills to gain a basic means of communication into the Deaf Culture.

American Sign Language 2

This course will provide students with a continuation of what they currently have knowledge in regard to Basic American Sign Language and Deaf Culture. Students will continue learning conversation, expression and culture that all encompasses ASL. The goal is to keep voices off and eyes open as we use and practice our visual skills.

Asian Language and Culture

Asia presents a series of varied historical and societal contexts. This is important because during recent years, issues of worldwide significance have focused on Asia such as the immense population problems, or the economic dynamism of the Asian region. This course will give an introduction to Asia covering China, Japan and South Korea. Diversity both between and within different Asian countries will be explored, as well as different reactions to the West, including both traditional and contemporary examples. Examples include religious and philosophical beliefs (Confucianism, Buddhism and Daoism), art, food, and popular culture. Through lectures, discussions, films, and other class activities, students will be able to explore the rich cultures of East Asia.

Asian Language and Art

The course presents a broad overview of the stylistic development of ritual, religious, and decorative arts from Asia. Emphasis will be placed on recognition and identification of major works of art, including Asian brush calligraphy, painting, seal engraving, and associated styles from the main period/dynasty. A focus on religion and regional philosophy will be a strong component as well.

Band

CHS Band will give students the opportunity to study and apply techniques that have been previously presented in ensembles and lessons. Those who are beginners in music will begin to learn and apply techniques of instrumentation and understanding notation. Musical literature stemming from genres across the decades will be performed. CHS Band members will participate in a School Concert, Open Mic Nights, as well as other performance opportunities throughout the semester.

Biology I

Biology is important because it helps us understand the "Big Picture." This course is designed to introduce students to the study of life. With focus on topics such as genetics, cell biology, ecology, biotechnology, and ecosystem dynamics, we will explore different aspects of science and embark on our own personal journey to becoming inquisitive, scientific thinkers and problem solvers!

Chemistry

Learning about chemical processes at both the microscopic level (too small to be seen) and the macroscopic level (visible to the naked eye), you will design and implement laboratory investigations to uncover ideas and laws in chemistry and to confirm their truthfulness. You will explore topics in atomic structure, chemical bonds, chemical reactions, stoichiometry, gas behavior, thermochemistry, nuclear chemistry, chemical equilibrium and more.

Chinese 1

In this course, the teacher will use comprehensible input and *Zhongwen bumafan* curriculum to help students to immerse themselves in the Chinese environment from listening and reading, using 90 percent of Chinese and 10 percent of English instruction. Some strategies include TPRS (Teaching Proficiency through Reading and Storytelling), TPR (totally physical response), movie talk and picture talk, etc. It is outlined as a story module, 6 stories totally. After each story, students can read a short picture book. By the end of this course, students will finish some projects to practice their three modes of communication, which are presentation, interpretation and interpersonal. During some festival celebrations in China and the US, students will also experience and learn some culture in Chinese.

Chinese 2

Prerequisite: Successful completion of Chinese 1 (or permission of the teacher)

The course is designed for students with minimal previous background in spoken or typing Mandarin and are interested in learning basic Chinese language as well as culture. In this course, students will develop four language skills in Mandarin: Speaking, Listening, Reading and Typing as well as three modes, which are presentation, interpretation and interpersonal. But students will spend more time on the former two skills through singing songs, playing games and

watching video clips. Students will study through some project-based tasks. The reading part requires students to recognize those frequent Chinese characters so they can read some easy signs. The speaking and listening part requires students to be able to engage in basic conversations. The instruction will be given in 70 percent of Mandarin and 30 percent in English. By the end of course, students are able to have a basic understanding of Chinese culture.

Creative Writing

This course is the study of writing styles, authors, and personal writing. Students will write poems, short stories, plays, news stories, comic strips, children's books, an autobiography and other types of writing that express creativity. The course will cover various styles of writing and ways to create character, setting, description, etc. and how to edit and publish their writing. Students are expected to complete various writing projects and edit their own and other's writing throughout the course.

Employability-all levels

This year-long course is designed to continue the development and the application of employability skills. Work-based learning activities are provided including school-based enterprises, community-based training, job training (school store), job sampling/exploring, situational assessment and scenarios. These work-based activities allow students to apply employability skills to a variety of employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership and self-determination development are provided.

English I Honors Students will develop writing and literacy skills through the exploration of literature and informational texts, as well through a variety of writing assignments. Students will prepare for success in future English classes, college, and the world of work by applying South Carolina ELA standards to a variety of Project-Based Learning (PBL)-focused assignments.

English 2 Honors

English 2 Honors students develop critical thinking skills through the exploration of fiction and non-fiction, including multimedia and informational texts. A robust writing component helps students sharpen their college level writing skills. Students will prepare for the South Carolina English 2 End-of-Course test (EOC).

English 3 Honors

is a chronological study of fiction and non-fiction stories. Students will read, analyze, and evaluate informational and literary texts based on the historical events of America. The course will cover texts from Native Americans through present day authors. Students will be expected to write in response to what they have read throughout the course. The course will cover various types of technical and creative writing.

English 4 Honors

English 4 Honors students develop critical thinking skills through the exploration of fiction and non-fiction, including multimedia and informational texts. The focus of English 4 Honors is the cultural, linguistic, and historical impact of the English language on the greater world. A robust writing component helps students sharpen their college level writing skills in order to prepare for college and career.

Environmental Science

The earth is very important to us because it is where we live and share resources with other species. This class focuses on topics such as climate, ecology, ecosystem dynamics and the impacts humans have on each. Through the process of problem-based learning, we will aim to solve environmental issues in our school, community, and country.

Essentials of English and Math - all levels

This year-long course is designed to provide students with year round exposure to the English and Math content by using a literacy based approach. Using literary stories to teach literacy and math at the same time helps make the most of class time while deepening young students' understanding in both subjects. The course objectives for both subjects will be interwoven throughout the year-long course.

Foods and Nutrition

Are you aware of what foods to eat to maintain a healthy life-style? Can you select and prepare healthy foods? If not these are the courses for you! Food and Nutrition 1 and 2 will allow students to evaluate food choices, practice a variety of food preparation techniques, demonstrate table service and etiquette, and explore nutrition related careers. Critical thinking and practical problem-solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, communications, and economics. The ServSafe® employee certification provides increased marketability. Foods and Nutrition 1 is a prerequisite for Foods and Nutrition 2.

Geometry

This course will cover various Geometry topics and principles, including coordinate and spatial geometry, angles, parallel lines, congruent and similar triangles, polygons and other figures, circles, the Pythagorean Theorem, and introductory trigonometry. We will also focus on projects and problems that serve to review our Algebra skills and continue to develop our critical thinking skills through various real-world and problem-solving activities.

Government (Quarter 1)

In US Government, students will examine the theory and practice of the American government through a comprehensive introduction to fundamental political concepts. The course is designed to cover topics such as governmental systems, the constitution basis and structure, and citizen involvement in the political system. By the end of the course, students should feel confident and knowledgeable to contribute in the governmental process, and to be a responsible citizen of the United States and the world.

Economics & Personal Finance (Quarter 2)

The goal of a study of economics is to teach a student how to evaluate choices. Students will learn to use vocabulary specific to economics to explain, describe, and predict how the interaction of supply and demand sets prices for goods and services in product markets and wage prices in factor markets. Students will use economic concepts in a reasoned, careful manner in dealing with personal, community, national and global economic issues. Throughout this course we will examine various economic topics including resources, supply and demand, market equilibrium, scarcities, GDP, inflation, and exchange.

Housing and Interiors, with an emphasis in Art

“Home is where the heart is,” and the house shelters that home. Enroll in this course to begin preparations for your future dream home. Housing and Interiors 1 provides opportunities for students to evaluate the housing market; housing needs for individuals, families, and communities; and career pathways in the housing and interiors industries. Identification of the elements and principles of design is emphasized. Students will develop knowledge and skills that enable them to plan safe and affordable homes for changing families in a world of diverse interests, cultures, and values. Projects are integrated throughout the course. An emphasis will be placed on Art and its creation by students.

IT Fundamentals

More and more we are surrounded by computers and things that fall into the realm of "Information Technology". This course is designed to help them navigate their daily lives, establish connections, and give them an outlook of why the world of Computer Science has changed, and is changing, every day. Some of the topics covered throughout the course will be the relationship between Software and Hardware, Computer History and Prominent figures, Document Formatting (Word, Excel, PowerPoint, or their Google equivalent), Cybersecurity, Website Design, and Internet Safety, to name a few.

Marketing

This course is designed to introduce students to the field of marketing with emphasis on social media marketing. The class will cover topics such as advertising, promotions, product development, marketing research, selling, human relations, major social media platforms, and

career exploration. This is a project-based course in which the student will have the opportunity to develop new product ideas, build advertising campaigns, and develop sales promotion techniques. Students will learn practical tips and techniques, as well as see the bigger picture to help successfully leverage marketing and social media marketing for your own environment and purpose.

Media Technology 1

Media Technology 1 students develop critical thinking skills through the exploration of professional journalism standards and the creation of the Coastal High School yearbook and various broadcast channels including CHS's YouTube, Spotify, and Apple Podcast channels. Students must be in at least the 10th grade to apply. See Mr. Walker for more information.

Personal Finance

Personal Finance is a one semester course designed to help students understand the impact and importance of money management, recognize their rights as consumers, and become financially responsible. Students will design personal budgets, simulate checking and saving accounts, establish a knowledge of debt, credit, and evaluate and recognize insurance and taxes. Students will experience real-world scenarios and gain strategies to help them make wise financial decisions.

Physical Education

Physical Education encompasses fitness components that lead to a life of quality health. These components are stretching through fundamental Yoga concepts, strength conditioning, cardiovascular fitness, agility training and dietary scheduling. Our students culminate each semester with a triathlon, consisting of Kayaking (.5 miles) Cycling (3.3 Miles) and Running (1 mile). Our comprehensive program gives students the knowledge and experience that enables our students to plan and implement their own fitness program upon completion of this course.

Physical Science

Physical science is an introductory science course that merges aspects of chemistry and physics in a conceptual and applicable way. It is designed to give students a solid background prior to entering into upper level science courses.

PROB & STATS

Did you enjoy those other fun math classes like Geometry and Algebra 2? Well if you said yes, then you will find this a lot different. This class takes a lot of general concepts but requires you to analyze (not just summarize), describe, analyze, evaluate, oh and did I mention analyze.....data and numbers. Some of the Topics and Projects we will be completing are:

- *Planning and Conducting a Local Survey*
- *Designing A Statistically Valid Experiment*

- *Creating your own Carnival Game and using Probability to prove its fair*
- *Determining Correlation between real world examples and analyzing why this might or might not occur*

Be prepared to write a bit and explain in great detail things that deal with surveys, experiments, studies, and statistics as a whole. Welcome to Prob & Stats!

PLTW COMPUTER SCIENCE ESSENTIALS

Do you like Computers? Do you like Science? Well this is the class for you! For this class specifically, we will be coding....a lot....like the whole time.....until the last day of class. With that being said, we will begin in MIT App Inventor, which is block based coding, and then move into Python for the second half of the class. The purpose of this is to see how algorithms work, how code shapes our lives, and how to train your brain to think critically, computationally, and procedurally.

Spanish:

This course is designed to help develop the three modes of communication: interpersonal, interpretive, and presentational. For the interpersonal mode, students learn and practice informal conversation and informal initial writing in the form of an email. For the presentational mode, students will learn and practice formal three-five-minute presentations and formal narrative writing. For the interpersonal mode, students will focus on identifying important details and main ideas in a variety of audio clips and in a level one Spanish book written in the present tense with roughly 400 unique vocabulary words. The course has been carefully aligned to national standards as set forth by ACTFL (American Council on the Teaching of Foreign Languages)

Sports Nutrition 1 and 2

This dance course will provide dance history and technique instruction in multiple dance genres such as ballet, jazz, hip hop, musical theater, and tap. Instruction will also include proper warm-up and stretching exercises, leaps and turns technique, costuming, correct arm placement and postural alignment, as well as performance production training.

US History and Constitution

United States History is a required course that takes a conceptual look at changing American culture, politics, environment, and economy. The course's intent is to help students better understand the themes of history which shaped and continue to impact our lives. This required class begins with a brief chronological overview of the country before it was the New World, the Colonial Era, the American Revolution, the Constitution, the rise of nationalism and sectionalism, Westward Expansion, the Civil War, and Reconstruction among many others. The concepts explored in this course will continue to prepare and empower students to make choices as responsible participants in society.