

## 2024-25 High School

### Trimester 1 Elective Classes Descriptions

#### Foreign Language Electives

**Foreign Language** taught by Andrea Nye. You will utilize two online language platforms to study foreign language. Additionally, there is a student driven project based on the culture of the language you are studying. Please note that Spanish is not offered in foreign language class.

**Spanish (Intro to Spanish)** taught by Andrea Nye. This is a yearlong course. Students will be automatically enrolled for two trimesters.

#### General Electives

**Adobe Certification** taught by Skyler Kent. Students enrolled in this course will go through an Adobe certification course on Photoshop and take a certification exam at the end of the trimester.

**Adulthood 101** taught by Mikell Zimmerman. Feeling worried, stressed, unprepared, or confused about everything it takes to be on your own? We will cover all of this so that you have the information you need to make your life after high school what you want it to be!

**Advanced Culinary Arts** taught by Molly Bond. Explore the art and science of gourmet cooking in this advanced culinary arts course designed to take your culinary skills to the next level. From mastering advanced techniques in menu planning to understanding the intricacies of farm-to-table and seasonal cuisine, students will embark on a culinary journey that blends creativity with business acumen. Throughout the course, students will delve into the principles of menu planning, learning how to curate dynamic and balanced menus that showcase their culinary prowess while meeting the diverse preferences of discerning diners. Emphasis will be placed on incorporating seasonal, locally-sourced ingredients to create dishes that celebrate the bounty of the region and support sustainable food practices. In addition to honing their culinary skills, students will gain valuable insights into the business side of the food industry, preparing them for entrepreneurship in the culinary world. Topics such as food cost analysis, marketing strategies, and restaurant management and daily operations will be explored, empowering students with the knowledge and skills needed to launch their own food ventures with confidence. Through hands-on cooking labs, guest lectures from industry professionals, and real-world business experiences, students will emerge from this course equipped with the expertise and entrepreneurial mindset to thrive in the fast-paced and ever-evolving culinary landscape. Prerequisites: Introduction to Culinary Arts or equivalent experience.

**Art I** taught by Holly Walker. Art I is the gateway art course at FBCS. This one-trimester course is recommended for all high school students as a comprehensive basic art introduction. Students will study two-dimensional mediums of art including: drawing, pen and ink, colored pencil, graphite, pastels, water-soluble mediums, watercolor painting, acrylic painting, and mixed-media collage. Students will explore the basic Elements of Art including: line, color, texture,

space, value, shape and form. Students are encouraged to balance skill-building with projects of personal relevance and free choice.

**Choir** taught by Andrea Nye. Students will explore vocal technique, choral singing tone, sight-reading and performance techniques through a variety of exercises and genres! Students are required to attend all performances.

**CompTIA A+ Certification** taught by Skyler Kent. Students taking this course will be studying for the CompTIA A+ exam. This exam is the backbone of anyone looking to go into the IT field. Students will be using a CompTIA approved course to learn all the information needed to pass both certification exams. This course will run through both the first and second trimester.

**Introduction to Culinary Arts** taught by Molly Bond. This course is designed to introduce the high school students to the fundamental principles and techniques of culinary arts, with a focus on developing essential skills for the kitchen environment. Students will learn the art of knife skills, menu planning, cooking techniques, and the operation of a coffee stand and cafe.

**Photography 1** taught by Holly Walker. In this course, students are granted free Adobe Creative Cloud licenses for using Adobe Lightroom and Photoshop to edit photos and create unique compositions. Students will identify elements of composition and learn how to apply the elements in their work. Students embark on a series of field trips to various scenic locations for photo shoots. Locations include Dover Bay, Sand Creek Trail, Bay Trail, Downtown Alley, the Historic Museum, Memorial Park, and Evan's Brothers. Other projects include historic photography and portraiture. This beginning photography course covers the basics of composition through a series of directed photo projects. You will learn how to compose interesting photographs using line, shape, space, contrast, texture and perspective. Assignments will also cover still life, portraiture, and lighting. Digital camera required.

**Small Engines** taught by Derek May. This course is designed to introduce students to a variety of career opportunities in the power equipment, motorcycle, marine, small engine, and other related industries utilizing industry related resources that will serve them both in their professional and personal lives.

**Student Newspaper** taught by Rachel Castor. Write, layout, edit, photograph, illustrate and manage our FBCS Student Newspaper - The Bird's Eye News. No experience necessary. There is a role for every skill level.

**Sewing** taught by Holly Walker. This class will elevate your sewing skills to the next level. Intro projects include: hand stitching, embroidery, stuffed animal, drawstring bag, zipper pouch, and pajama pants. Beyond these project, you will be encouraged to stretch your imagination and sew whatever your heart desires. This class includes individual sewing machines for every student. Our closet is packed with fabric for your projects, but you may occasionally wish to bring your own supplies. You will be graded on a weekly basis, based on your ongoing progress.

**Tech Team** taught by Skyler Kent. This course will focus on the day-to-day aspects of being an IT Technician. The class will be a combination of assisting the IT department with tickets, as well as projects related to what might be found in field. Students are to go through an application

process in order to be placed in the class. If you are interested in being a member of the tech team, please speak with Skyler on how to apply.

**Theater Arts** taught by Rachel La Commare. A comprehensive introduction to all elements of live theatre including audition and rehearsal technique, overview of acting methods, voice, movement, improvisation, technical theatre, vocabulary, text analysis, and connections to career and higher education. Students participate in ensemble exercises, theatre games, rehearsals, and performances, enabling them to build life skills such as collaboration, critical thinking, and confidence.

**Watercolor Painting** taught by Holly Walker. This introductory painting course is an exploration of the watercolor medium. Students learn basic wash and brushstroke techniques, layering styles, and blending methods in a series of projects based on inspired subject matter. Students are given creative freedom as well as ample inspiration for their projects. Themes are focused on basic composition, original expression, and the work of contemporary artists.

## Literature Electives

**American Lit - Ghost Stories** taught by Michael Bigley. The American Literature class will track the changing use of ghost stories in American Literature. Reading will include *The Legend of Sleepy Hollow*, *The Fall of the House of Usher*, *The Haunting of Hill House*, and *Beloved*.

**World Lit - Humor & Satire** taught by Michael Bigley. This World Literature class will read and analyze key examples of comedic writing from the middle ages to the present. Students will conduct and present independent research into a related topic of their choosing.

**World Lit - Legends and Fairy Tales** taught by Michael Bigley. This World Literature class will explore two related but distinct genres. Readings will include several stories from the King Arthur tradition, a number of Grimm's Fairy Tales. Students will also conduct and present independent research on further folk tales from other cultures.

**American Lit - The Short Story** taught by Mikell Zimmerman. Read a variety of classic to contemporary short stories. Discuss and analyze elements of the story and write, revise, and publish your own short story.

## Math Electives

**Career Math** taught by Angie Evans. This course uses your problem-solving skills in various careers from meteorology, accounting, and engineering to architecture, forensics and music. We'll explore how math is useful in a variety of fields. This course is for 11th and 12th graders.

**Geometric Design** taught by Lyndsay Holland. Explore math in a completely new way through artistic creativity. This will be a completely hands on creative class as we explore many types of geometric design.

## Science Electives

**American Geology** taught by Rachel Castor. Part of the new American Studies curriculum, study the catastrophic events that literally shaped the American West.

**Chemistry** taught by Branden Lange. Chemistry will give students a basic understanding of chemical principles and prepare college bound students for further study in chemistry. This course will cover topics of chemical reactions, states of matter, atomic structure, solutions, and bonding. This class will include algebraic math applications, critical thinking, problem solving, and laboratory work.

**Environmental Science** taught by Derek May. Environmental Science discusses the environmental challenges that impact our future, such as land use, pollution, climate change, and loss of biodiversity.

**Mycology** taught by Rachel Castor. Fungal ecology! The science of mushrooms! Yeasts and fermentation! Whether deadly, delicious, or decomposing dead bodies, fungi do it all!

**Physics** taught by Branden Lange. Physics will cover an understanding of laws and concepts of the physical world. Topics include electricity, magnetism, energy, matter, motion and forces, and gravitation. This class will include a significant amount of work in algebraic math applications, critical thinking, problem solving, and laboratory work.

**Science Challenge** taught by Derek May. Students in this elective will work individually, as well as in groups, competing with each other in timed "challenge" events. Some events will be modified from science Olympiad challenges such as egg drop and towers. We will also brainstorm together to come up with new ones. It will be something different every day!

**STEM Structural Engineering** taught by Branden Lange. This STEM class will cover engineered structures such as bridges, buildings, ships, and other types of structures. The course will explore steps in designing a structure as well as the types of materials most often used in specific applications. Parts of the course will include hands-on projects, grade appropriate math and science assignments, as well as implementing technology in certain areas to assist students with various tasks. This course will be broad in terms of the topic covered but will be a good introduction to the design and build process of structural engineering.

## Social Studies Electives

**American History Through the Movies** taught by Todd Claunch. This class is designed to be a survey of American history, viewing it through film. We will watch movies that have been made about different historical events and examine the differences between the way movies portrayed it and the facts.

**Contemporary America (1970-Present)** taught by Lora Scott. Join me as we examine United States History after the Vietnam War. As a class, we will study the events that shaped (and continue to shape) modern American politics, culture, and society. This is a project-based class, so be prepared for lively class discussion (civil discourse) as well as research projects!

**History of the Vietnam War** taught by Todd Claunch. This will be a class that uses a novel to discuss and learn about the Viet Nam War. Students will choose and read one of 3 or 4 novels

that were written about it. The class will explore the causes, the different aspects of and outcomes of the war.

**Psychology** taught by Mikell Zimmerman. Learn about theories that explain why we are the way we are with real-world application including self-evaluation and strategies for dealing with problems, stress, and more.

**United States Geography** taught by Blake Wilkins. This elective course will be a comprehensive overview of the geography of America. Students will become familiar with important climatic, political, economic, physical, and cultural maps that help us visually understand our country. We will study maps from the period of European colonization up to the present day, so we may understand not just where things are now but how our interaction with our environment changes over time. For a final project, students will create their own detailed map with an accompanying description.