2026-27

High School

Semester 2 Elective Classes Descriptions

General Electives

Advanced Culinary Arts: Project Street Food taught by Molly Bond. Take your culinary skills to the streets! In Project Street Food, students will explore the exciting world of street food, from bustling Asian night markets and Mexican taco stands to European food stalls and American food trucks.
Students will discover how delicious, affordable food can be created using simple ingredients, limited equipment, and creative techniques. Through hands-on cooking challenges and food booth creation, you will learn to prepare popular street foods from around the world while developing essential skills in food safety, menu planning, budgeting, and efficient food preparation. **Prerequisites are Intro to Culinary Arts and Intermediate Culinary Arts.**

HS Art (I and II) 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.

Art II is a hands-on art course covering the elements and principles of art. Students will learn how the elements and principles of art relate to contemporary art as well as historical works. Students will create unique pieces using two-dimensional mediums including: drawing, pen and ink, colored pencil, graphite, pastels, water-soluble mediums, watercolor painting, acrylic painting, and mixed-media collage. As a culminating activity, students create their first 3-piece concentration of work based on a singular theme. As with Art I students are encouraged to balance skill-building with projects of personal relevance and free choice.

Choir taught by Rachel Askew. This introductory choir class is designed for students with a love of singing and a desire to build their musical skills—no prior experience required! Students will learn the fundamentals of vocal technique, including breath support, pitch accuracy, tone production, and diction. The course also introduces basic music theory, sight-singing, and ear training to help students read and interpret music confidently. Emphasis is placed on developing ensemble skills and listening to others. **There are a few outside of school commitments that occur.**

Cybersecurity taught by Skyler Kent. This course provides students with a comprehensive introduction to the principles and practices of cybersecurity that protect individuals, organizations, and digital systems. Rather than focusing on hacking techniques, students will develop a strong understanding of how technology is secured, how cyber threats emerge, and how security professionals work to defend information and systems. Students will explore core cybersecurity concepts including security principles and controls, common threat types, attack

surfaces, and the human factors that influence security through social engineering. The course also introduces cryptography, identity and access management, network architecture, security devices, cloud computing security, software security, and the Zero Trust security model.

Fashion Design taught by Holly Walker. This hands-on fashion design course will teach students how to create fashion illustrations, digital print designs, and garment construction. Students will acquire the basic skills needed to construct clothing and accessories from patterns. Students will learn how to use sewing machines, read pattern instructions, select fabrics, and sew garments from start to completion. Students will also learn the basics of creating designs from scratch. **Prerequisite: Sewing**

Fiction Writing taught by Michael Bigley. This elective class will focus on narrative techniques, characterization, and scene building. There will be regular short exercises as well as the opportunity to apply the techniques to an ongoing project over the semester.

Graphic Design taught by Holly Walker. Graphic design students will learn the basic principles of graphic design, and how to apply them to posters, advertisements, logos, stickers, t-shirts and other print media. Students will be given free Adobe Creative Cloud Licenses to use Photoshop, Illustrator, Lightroom and InDesign for their projects. Students will contribute to the yearbook as well as taking on design projects for the school as part of an in-house design business. *Students will have the option to take the Photoshop Certification test.

Intermediate Culinary Arts: World Ethnic Foods taught by Molly Bond. In World Ethnic Foods, students will explore the rich flavors, traditions, ingredients, and cooking techniques of cultures across the globe. From the bustling street food markets of Asia to the rustic kitchens of Europe, the vibrant spices of India, the traditional dishes of Africa, and the colorful cuisines of Latin America, students will discover how food connects people, history, geography, and culture. **Prerequisite is Introduction to Culinary Arts.**

Intro to Culinary Arts: Daily OPS taught by Molly Bond. Step into the heart of the kitchen and discover what truly keeps a restaurant running. Daily OPS is a hands-on course designed to prepare students for entry-level, real-world restaurant jobs by mastering the essential skills employers are looking for. In this class, students will learn the foundations of professional kitchen operations, including dishwashing systems and efficiency, kitchen cleanliness and sanitation, proper food storage and date checking, inventory management, and organization. Students will also earn their Food Handler's Permit, making them job-ready and highly valuable in the food service industry. This course focuses on pride in your work, attention to detail, teamwork, and building strong habits that translate directly into success in any kitchen environment. Whether you plan to pursue a culinary career or simply want to gain practical, employable skills, this class will give you a strong and confident start.

Lifeguarding Class taught by Lora Scott. Lifeguarding: This 17-week course introduces students to lifeguarding, water safety, emergency response, physical conditioning, leadership, and professional aquatics. Students will develop the swimming endurance and rescue skills necessary for lifeguarding while learning CPR, AED, first aid, emergency action plans, communication, and professional expectations. ****You must be at least 15 years old and be able to swim to take this course****

One Burner Bellissimo taught by Molly Bond. Before you know it, you will be in college and/or living on your own. Learn how to feed yourself on a budget without sacrificing flavor in this Intro to Culinary Arts Class! Students will learn to prepare delicious, affordable meals using just one burner, one or two pots or pans, a slow cooker, basic utensils, and a limited grocery budget. Forget expensive ingredients and fancy kitchen equipment! Students will jump straight into cooking while learning how to stretch groceries, shop smart, repurpose leftovers, and make satisfying meals with limited resources. From one-pot pasta and hearty soups to skillet dinners, inexpensive breakfasts, and creative meals made from pantry staples, students will discover that good food doesn't require a big kitchen or a big paycheck. The ultimate goal: Know how to feed yourself well, spend less money, and never have to survive on instant ramen alone!

Painting taught by Holly Walker. This painting course is designed for all ability levels. It includes an exploration of both the watercolor and acrylic mediums. Students learn basic wash and brushstroke techniques, layering styles, and blending methods in a series of projects based on inspired subject matter. Students will learn the basics of color mixing, achieving value ranges, detail work, layering, as well as creating texture through dry-brush techniques and glazes. 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. It is recommended (but not required) for students to take Art I and Art II as a prerequisite.

Play Production taught by Rachel Askew. This course offers students the opportunity to experience the full theatrical process by either creating an original play or performing a published work. Students may choose to focus on playwriting—developing scripts through brainstorming, drafting, and revision—or on performance, where they will audition, rehearse, and act in a selected production. Throughout the course, all students will engage in key elements of production, including script analysis, character development, staging, and collaboration. Writers will participate in workshops and staged readings of their original pieces, while performers will refine acting techniques and bring scripts to life on stage. Emphasis is placed on creativity, teamwork, problem-solving, and effective communication. The course culminates in a final performance or showcase featuring student-written works, performed scenes, or a full production.

Sculpture taught by Holly Walker. This is a hands-on art course where students explore how to turn ideas into three-dimensional forms. Using a wide range of materials and techniques—including paper mâché, pottery, wire sculpture, soft sculpture, needle felting, assemblage, and Sculpey—students will experiment with building, shaping, and constructing original artworks. Along the way, they will learn key sculptural concepts such as form, structure, texture, and balance while developing craftsmanship and creative problem-solving skills. This course encourages imagination, experimentation, and personal expression as students bring their ideas to life in 3D.

Select Choir taught by Rachel Askew. This audition-based choir is designed for dedicated and experienced singers who are ready to perform at an advanced level. Students in this ensemble will refine their vocal technique, sight-reading skills, and musical interpretation. Emphasis is placed on blend, balance, musical expression, and professional-level ensemble performance. Students will also develop leadership and collaboration skills. There are a few outside of school commitments that will occur. **Audition and instructor approval are required for enrollment.**

Student Ambassadors taught by Scout Gates. Become a Student Ambassador of FBCS. Ideal candidates for this class will have strong communication skills and enthusiasm for FBCS. Leadership student ambassadors will act as role models, peer mentors, and guides. You will learn and apply skills in marketing, graphic design, communication, event coordination, and administrative assistance.

Technical Theater taught by Rachel Askew. Students explore the behind-the-scenes aspects of theatre, including set design, lighting, sound, costumes, and stage management. They will work directly with the high school and middle school theater classes to bring their productions to life. Outside of school, commitments will be required.

Tech in the Real World/Digital Literacy taught by Skyler Kent. Curious about technology but not sure where to start? This course is a low-pressure introduction to how technology shapes everyday life and every career — even the ones you wouldn't normally think of as "tech jobs." Students will explore the devices and systems they use daily, build confidence with essential digital skills, and investigate how technology has transformed a career field they're interested in. Through a hands-on research project, students will examine how technology entered their chosen career, how it's used today, and what future innovations might mean for their field. No experience is needed, just curiosity and an interest in your own future.

Theater 101- Scene Study taught by Rachel Askew. This course introduces students to the fundamentals of theatre, including acting, stage terminology, and basic performance skills. Students will explore voice, movement, and improvisation while gaining confidence in performing in front of others. Students will also learn the basics of acting through character development, script analysis, and scene work. Emphasis is placed on expression, memorization, and collaboration in short performances.

World Philosophies: Answers to the World's Questions taught by Wendy Thompson. A class based on primarily Western philosophies that explores philosophical viewpoints from around the world and across time, from Plato to Socrates to Nietzsche. Students will also research specific ideas of knowledge, reality, and existence based on their preferences and interests.

Yearbook taught by Scout Gates. Join the yearbook team and work together to create a lasting memory for the entire school. Students will develop a yearbook theme and produce the book from start to finish. In this course, students will gain skills in the following areas: page design, publishing techniques, copy writing, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills. Students are tasked with producing a timeless, creative, and innovative publication which will record our school's community, memories and events. Students will be required to attend school activities to take photographs and gather information to be used in the yearbook.

Literature Electives

Dystopian Literature taught by Michael Bigley. Dystopia arose as a distinct genre in response to the political extremes of the early 20th century and has remained popular ever since. We will read some important examples of the genre and analyze the ideas and agendas embodied in them, as well as develop dystopian projects around our own ideas and agendas.

Ghost Stories taught by Michael Bigley. Ghosts and haunted houses have been a recurring feature of American literature since at least the early 1880s. This class will explore the various attitudes towards these hauntings and the different social meanings of them in stories and books from a 160-year span of American classics, from the 1820s to the 1980s.

Visual Literature taught by Michael Bigley. This literature class will focus on how visual elements of various media add to the meaning of the text. We will analyze comics, graphic novels, and films, plus other examples that students bring to class. The project for the class will be to make a "visual essay," but what exactly that means will be up to the student.

Math Electives

Real World Math and Personal Finance taught by Lisa Miller. The math that matters most outside of school is usually the least practiced inside it. This course puts everyday math in order, from counting cash and menu math to percents, sales tax, tips, graphs, measuring, time and budgets. In addition, we will work through situations that include paychecks, budgets, banking, credit, and saving.

Science Electives

Aerospace Design Studio taught by Kevin Kless. This is a one-semester STEM elective, students design, build, test, and refine simple flight vehicles while learning the engineering design process. They modify balsa-wood gliders to explore stability and control, construct and fly lighter-than-air balloons to study buoyancy and lift, and launch water rockets to investigate thrust, trajectory, and energy transfer. Using X-Plane's PlaneMaker software, students create and evaluate custom aircraft designs in a simulated environment before applying those lessons to physical builds. The course also includes the option to design and construct small custom unmanned aerial vehicles (UAVs) for specific mission goals. Student teams are prepared to enter the General Aviation Manufacturers Association (GAMA) Aviation Design Challenge, where they present a complete aircraft concept that meets real-world performance and safety criteria. All activities emphasize iterative testing, data collection, and clear technical communication.

Anatomy & Physiology (The Human Body) taught by Rachel Castor. Bones, Blood, and Birth! This course focuses on the human body systems, including integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive. This course is designed for college preparation, especially for biology and health career majors. **Prerequisites: Biology A & B or teacher permission.**

Environmental Science taught by Rachel Castor. How can we meet the needs of a growing population while sustaining natural resources? In Environmental Science, we will learn how to use the tools of science to address this and other big questions about our planet's future.

Physics taught by Kevin Kless. This year-long Physics course offers a rigorous, algebra-based introduction to the core principles of the physical universe for high school students who have

completed 9th-grade Cornerstones of Science or received teacher permission. Students investigate mechanics (kinematics, forces and Newton's laws, work-energy, momentum, rotational motion, oscillations, and gravitation), fluid mechanics, and electromagnetism (electrostatics, electric fields and potential, circuits, magnetism, and electromagnetic interactions). Through hands-on labs, problem-solving, conceptual explorations, and real-world applications, students build essential scientific skills—modeling, data analysis, mathematical application, and evidence-based reasoning—while connecting everyday phenomena to fundamental physical laws, preparing them for advanced STEM coursework.

Radio, Waves, and Communications taught by Kevin Kless. This is a one-semester STEM elective in which students explore how sound, light, and radio waves carry energy and information. Through measurement, calculation, and hands-on work with antennas and radios, they examine frequency, wavelength, wave speed, reflection, absorption, and line-of-sight limits, then apply those ideas to real communication systems, including aircraft radios. Students also compare analog and digital transmission and evaluate how different frequencies interact with matter. The course ends with a campus radio-coverage project in which teams map signal strength, identify dead zones, and explain the results using the wave principles they have tested. Students who wish to go further may complete guided study toward earning their amateur (ham) radio Technician license.

Sand & Stars – Geoscience taught by Rachel Castor. From black holes to volcanoes, this course focuses on the structure and development of the Earth and its environment over time, including the formation of the universe and Earth's place in space. The course is composed of segments from many disciplines, including geology, meteorology, oceanography, astronomy, seismology, climatology, geophysics, geochemistry, paleontology, hydrology, minerology, petrology, geomorphology, & volcanology. **Prerequisites: Cornerstones of Science A & B or teacher permission.**

Social Studies Electives

Contemporary US History taught by Lora Scott. Do you want to learn more about modern US History? Do you want to learn more about a specific event or topic? In this PBL Social Studies course, you will have opportunities to take an in-depth look at our contemporary history. Please note, this is an inquiry, student research based PBL course. You, as the student, will decide the topics, then research, and prepare meaningful, yet creative presentations.

Current Conversations taught by Lora Scott. Do you like to discuss current events? Do you enjoy learning about what is happening in the world? If so, this course if for you! Please note, this is an inquiry, student research based PBL course. You, as the student, will decide the topics, then research, prepare and engage in respectful, meaningful class dialogue within the structure of a "Socratic Seminar".

Geopolitics taught by Blake Wilkins. This government elective explores how geography, population, resources, and technology shape political power in the modern world. Students will examine the major wars of the twentieth century and how their legacies continue to influence global politics today. The course also investigates the role of intelligence gathering, espionage,

and information in statecraft and warfare. Students will study the contemporary international system, including major alliances, trade relationships, and ongoing conflicts around the world. For a final project, students will participate in a strategic War Games simulation.

Noir America taught by Blake Wilkins. This history elective looks at the social, economic, and political issues of mid-20th century America through the lens of film noir. Using classic and modern noir films, students will explore how events like the Great Depression, World War II, and postwar changes that shaped American values and culture. The course will cover themes like distrust in institutions, urban life, changing gender roles, and the fading American Dream. By studying common characters, film techniques, and genre traits, students will better understand the social and civic life of the time. For their final project, students will write their own noir script.

Western Civilization: The Medieval Era taught by Blake Wilkins. This history elective will cover the time period of 1000 to 1500, otherwise known as the Medieval era. Our story will begin in the world of the High Middle ages as Western Europe emerged from the shadow of the Roman Empire and established the institutions that would define our civilization for centuries. Over the course we will study Feudalism and the Crusades, the Black Death, the Italian Renaissance and Spanish discovery of the New World. For a final project, students will participate in and showcase their work in a Renaissance Faire at the end of the semester.