

FREMONT CHRISTIAN HIGH SCHOOL

January Term

COURSE CATALOG

2018-2019

SPECIAL NOTES:

- **Students taking on campus classes must take one AM and one PM class for a total of 2 credits. Students must pass with a C or better.**
- **Syllabi, permission slips, and fee reminders (if applicable) will be distributed before Fall Finals Week.**
- **Fees and permission slips are due the first day of class.**

INTERNSHIPS – 2 Credits

Prior approval required

RETREAT – 1 Credit

Mandatory Jan. 16-18

AM CLASSES – 1 Credit

8:00 AM – 11:00 AM

PM CLASSES – 1 Credit

11:50 -2:50 PM

AM CLASSES – 8 am – 11 am

Bringing Back the Natives

Cost: \$0

Instructor: Mr. Gregory

In this course students will learn about the science, craft, and art of sustainable landscaping practices. You will explore new approaches to creating landscapes in gardens, yards, and open spaces right here on the FCS campus and at Don Edwards National Wildlife Preserve. We will pay particular attention to the practicality and beauty that our regional native plants bring to the garden or landscape, students will quickly learn that a region's native plant species help their natural surroundings by protecting soil, conserving water and providing a natural habitat for wildlife. Knowing what a sustainable landscape really means can be empowering, and this class will help you better understand how to become a wise steward of God's created environment. In order for us to do this requires us to manage the earth in sensible ways that are minimally disruptive and which involve far less maintenance, what I call eco-friendly. Students will be introduced to field study journals and the new raised-bed vegetable garden project on our campus. Two 7:15am field trips are planned to Don Edwards Preserve. Details will be provided in the syllabus.

College Cooking 101: Culinary Basics

Cost: \$25

Instructor: Ms.: Lum

Say no to surviving on cup noodles during college, and join College Cooking 101 instead. This course will explore preparing quick and cost effective meals that are perfect for college students. Students will learn the importance of maintaining a healthy diet, food/ kitchen safety, and basic cooking skill along with the science behind cooking methods. Students will be challenged to be creative and invent their own dish at the end of the course. Let's get cooking!

Discipleship: Girls – “Always Loved”

Cost: \$0

Instructor: Cheryl Troia

We will be reading and discussing the book, “Always Loved: You Are God's Treasure, Not His Project,” written by Brent Lokker. In Always Loved, Brent Lokker takes you on a journey into the depths of the Father's heart where you will:

- Experience God's affection for you as His son or daughter
- Rest in His approval and learn to trust His tender heart for you
- Learn to enjoy Him just as He enjoys you
- Celebrate who He says you are
- Get off the treadmill of performance and stay off. Dare to dream again and enjoy the adventure of your life
- Discover your unique ability to represent God like no one else can
- Transform the world around you by loving one heart at a time
- Learn to live in the continual favor of your Father's blessing

Brent's powerful yet tender stories woven into truths from the Scriptures will draw you into deeper places of intimacy with your heavenly Father. The more you receive God's extravagant love, the more it pours forth from you as the world changer you are destined to be. It's time to encounter God's passionate heart for you! (Taken from books.google.com)

Discover Your Strengths

Cost: \$0

Instructor: Mrs. Jeyadoss

Do you know your top five strengths? Let's discover them now! The strengths finder class will help you discover your top five strengths so you can do what you do best every day. **CliftonStrengths for Students: Your Strengths Journey Begins Here** is a self-help book written by Donald O. Clifton, Ph.D. “As a student, you have the opportunity every day to search for patterns in your actions, learn from them and use them to make the most of your life experiences, now and in the future. To do that, you need a solid understanding of where and when you're at your best: your strengths.” At the heart of the book is the internet-based “Clifton Strengths Finder,” an online personal assessment test which will outline the user's strengths. The author advocates focusing on building strengths rather than focusing on weaknesses. Students will have the opportunity to hear special speakers talk about how StrengthFinders Test made them effective in their relationships, school, and community. Also, they will engage in group discussions to discover how best they could use their strengths in their everyday lives. At the end of the course, they will be receiving a Certificate with their top five strengths listed.

Inside Science Fiction (I_Sci_Fi)

Cost: \$0

Instructor: Mr. Perenon

This course will require the use of a laptop, iPad/Tablet, or other similar device each day of class & a Google account as students will be using Google Drive and Google Docs as an electronic classroom.

Greeting Earthlings and welcome to Inside Science Fiction (I_SCI_Fi). It is difficult to define science fiction as it is not an ordinary genre, nor does it have identifying actions or places that the reader can recognize as found in other genres of literature. Yet science fiction can, and will, incorporate other genres such as mystery, the western, the gothic, romance, and adventure story. So, what is science fiction? I_SCI_Fi seeks to define this genre through its many sub genres. Along the way we will explore the vast reaches of space and the microcosm of human identity and existence as we seek to answer the questions posed by Science Fiction: Who are we? Why are we here? Where did we come from? Are we alone?

Intermediate Programming in C/C++

Cost: \$0

Instructor: Mr. Garcia

Required Materials: Students must have their own laptop, Mac preferred. The school will provide textbooks.

This course is designed only for students who have had a solid exposure to the C programming language and would like to continue to learn more and develop proficiency using C and C++. We will be enhancing our knowledge of Arrays, Pointers, Strings, and learn how to use Structs. In addition, we will learn how to input from files and write to files using both C and C++ depending on the proficiency and experience of the student. We will touch on Object Oriented Programming with C++. The class activities will include some direct instruction, and mostly laboratory work that allows the students to develop solutions to interesting and challenging problems. During labs, students will learn to design, test and debug solutions, using proper programming techniques.

In the Swing of Things: Intro to Swing Dancing

Cost: \$0

Supplies: Students need to wear closed-toed shoes to dance safely and comfortably (think the style of Keds, Toms, etc.)

Instructor: Ms. Johnson

This course will be enrolled with 6 boys and 6 girls.

This class is for anyone who wants to learn social swing dancing--no dance experience required! Swing dancing is an all-American dance: the music, fashion, and moves have evolved from the streets of the Harlem Renaissance to our social dance floors today. This class will cover the history of swing dancing and the basic footwork for several individual and partner dance styles, including the Lindy hop, Charleston, and east coast swing. After this class, you'll be feeling footloose!

Life Skills 411

Cost: \$0

Instructor: Mr. Eshelman

Develop independence by learning the basics skills of life: making a budget, figuring out a personal fitness plan, making basic home repairs, changing the oil and a tire on your car, meal planning and cooking, hanging a picture, and more!

Metal Working

Cost: \$20

Instructor: Ms. Martinez-Chinn

This class investigates properties of metals. Students will work with different forms of metal while exploring, malleability, ductility, and tensile strength. Aluminum foil, aluminum cans, and different gauges of stainless steel wire will be used to create various projects. The projects possible are embossed foil art, candle holder, and wire sculpture. Students will need to bring needle nose pliers and wire cutters.

Psychology: The Study of Human Behavior

Cost: \$0

Instructor: Ms. Walsh

The study of human behavior is very interesting! Find out what makes you who you are and why others are so different from you. Students will learn about themselves and how some of the founding psychologists would interpret the way you behave in the world around you. We will also learn about the different ways psychology is used in different professional fields. Students will participate in group interventions, discuss social norms, and learn ways to maintain positive and healthy interactions with others. Students will explore the clinical foundations of psychology within a biblical framework. Your thinking will be challenged in new ways as you experience the group process and engage in your own exploration of human behavior.

Photography: From Auto to Awesome!

Cost: \$0

Required Supplies: DSLR camera with SD card & USB drive

Instructor: Mrs. Leong

Is your DSLR stuck on Auto mode? Students will explore what all those camera buttons mean and practice various camera settings (shutter speed, aperture, ISO etc.) Students will learn and practice various picture taking techniques such as (lighting and composition) and through hands-on exercises, you'll discover the creative aspects that you the photographer brings to his or her work. This course includes one field trip that will leave school at 6:30 a.m. Details will be provided in the syllabus.

Put a Pin in It: DIY

Cost: \$20

Instructor: Mrs. Banuelos

Required: An internet-enabled laptop or tablet for class use; miscellaneous items from home (simple items; will be explained in syllabus)

In this course students will explore Pinterest for its many uses. There will be do-it-yourself projects, as well as, opportunities for students to find ways to “up-cycle” some of the things that are lying around the house. In addition to this, we'll learn how to use Pinterest for planning and organizing purposes, including designing a room, planning a party, collecting and organizing recipes, and setting college and career goals.

Traditional Chinese: Language of God?

Cost: \$0

Instructor: Ms. Lin

Chinese culture is deep and profound. This culture has been passed down for over 5,000 years using meaningful symbols to communicate long before the first words of the Bible were written down. Is the connection between the ancient Chinese characters and the stories in the Bible a coincidence or by design? Now is the opportunity to dive deeper into this beautiful culture and trace the origin of our faith. This course will explore Chinese culture, an introduction to conversational language and character writing, and more! Why wait? Come join us!

Whodunit? - Detective Studies

Cost: \$0

Instructor: Andrew Kollen

A “whodunit” (pronounced as Who done it?) is a classic detective story in which the audience is engaged in a detective's problem solving techniques. Through the use of classic detective films, novels, and short stories, students will be exposed to this unique genre. In watching detective films, students will study cinematic techniques, character and plot development, and try their best to figure out figure out who committed the crime. In reading excerpts from novels and short stories, students will be exposed to the world of famous detectives and the hundreds of cases they attempt to solve. Students will also be challenged to use their problem solving skills by mastering logic puzzles and playing strategic games. Will you be able to figure out whodunit?

PM COURSES – 11:50 am – 2:50 pm

Art in Modern Times: Reaction - Rejection - Reconciliation

Cost: \$10 Checks payable to FCS

Instructors: Julie Garcia and Deborah Knott

Modern Art as Reaction, Rejection, Reconciliation: Art from 1900 to the Present. Students will explore and analyze the most common expressions of painters, sculptors, and architects with a focus on the 20th century. This class will include hands-on art projects and a field trip to Stanford to the Modern Art Gallery.

Athletics Administration

Cost: \$16 (Oakland Coliseum Tour)

Instructor: Drew Edgerly

Join Mr. Edgerly in exploring the world of athletics administration and the significance of interscholastic athletics in our society today. There will be a mixture of hands-on, on-your-feet, and sit-down coursework that will help you understand the dynamics of a career in athletics administration. We will cover topics such as sport ethics, technologies of sport, governing bodies in athletics, and emerging issues in interscholastic athletics today. We will also tour the Oakland Coliseum to see how sports management looks in the professional sports market. Come ready to play!

Bead Loom Weaving: How to Warp and Weft

Cost: \$25

Instructor: Mrs. Arionus

Watch us Warp and watch us Weft as we maneuver seed beads into line to create beautiful designs. Students will design projects on graph paper and watch their designs become 3-d creations on the loom. At least four projects will be completed during class time. Students may be asked to complete more than four projects if class time allows. Creations are only limited by a student's imagination!

Capturing Memories: An Introduction to Yearbook

Cost: \$0

Instructor: Malia Morris

Description: Do you like photography? Are you a good writer? Do you want to help capture the memories that will entertain your classmates for years to come? Then this is the class for you! Learn how to create a piece of history in the form of a yearbook. In this class you will learn yearbook basics such as yearbook organization and planning, page layout and design, and marketing. Try your hand at page layouts using Josten's Yearbook Avenue and your page may end up in the yearbook!

Digital Circuit Design

Cost: Optional \$39 to download the simulation software on own computer. Highly recommended!

Supplies: Students will need to bring their own PC laptop with Windows XP or higher to run the simulation software. The software is not supported on Apple products.

Instructor: Mr. Pedersen

From smart phones to everyday appliances, digital circuits are all around us. This course will provide the foundation for students who are interested in digital design. Students will study topics like combinational and sequential logic and be exposed to circuit design tools and equipment used in industry, including logic gates, test equipment, and oscilloscopes. The course is designed to be at least 50% hands on with reduced class room lecture time. Students need to be self-motivated and work in groups to complete and debug their designs.

Discipleship: Boys – “Always Loved”

Cost: \$0

Instructor: Andrew Aguilar

We will be reading and discussing the book, “Always Loved: You Are God’s Treasure, Not His Project,” written by Brent Lokker. In Always Loved, Brent Lokker takes you on a journey into the depths of the Father’s heart where you will:

- Experience God’s affection for you as His son or daughter
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Disney Behind the Scenes

Cost: \$0

Instructor: Cassia Sollitt.

Description: Delve deeper into the world of Disney and discover the story behind the Mouse. Originally dubbed the Disney Brothers Cartoon Studio, the now legendary Walt Disney Studio has flourished from its humble beginnings in 1923. Explore the ways that Disney animated films have advanced, not just in style, but in content and character. How did an entrepreneur from Chicago become such a success? How has advancement in technology changed the way these animations are created? How long does it take to see a Pixar film develop from an idea into a full-length masterpiece? Take this course to find out!

Dixie Band Intensive

Cost: \$0

Instructor: Mr. Banuelos

This course is only open to current members of Dixie Dominus. This intensive rehearsal course will prepare band members by improving on older pieces, as well as, learning and perfecting new ones for the spring performance season. Special guest speakers will offer specialized clinics.

Exploring the Noodles of the World

Cost: \$25

Instructor: Jimmy Fu

Are you a fan of noodles? If you're interested in diving into the origins of ramen, pho, pasta, and other types of noodles and learning how to make these dishes, then this class is for you! Students will research and present the origins of various types of noodles throughout this course, as well as receive hands on training for basic knife skills, creating soup bases, noodles, as well as a basic knowledge of food safety. Come hungry for noodles and knowledge! Let's get cookin'!

From Congas to Bongos: Learning How to Play Hand Drums

Cost: \$0, bring cash on the day of the field trip if interested in purchasing at the music store

Instructor: Mr. Stockman

In a fun and easy going atmosphere, beginner students will be introduced to the conga and bongo drum. Each class will consist of learning the proper technique and patterns of essential Cuban rhythms along with instruction on how these patterns fit into any type of music. Students will also be taught the proper technique to play cowbell, maracas, claves and guiros. No prior musical instrument experience is needed nor is the ability to read music required. The course will culminate with a trip to the percussion department of a music store.

MISSIO DEI: An Introduction to Missions and Outreach

Cost: \$ (Optional field trip on Saturday, January 12, 2019)

Instructor: Amy Werkheiser

This course will examine the missionary heart of God via the Mandate, Message, and Mission interwoven throughout the Bible. Students will examine the Biblical call (Mandate) to mission and outreach work, the message that is proclaimed, and the means and methods by which that message is proclaimed. The course seeks to cultivate a Biblical passion for mission and outreach and to help students see their role in fulfilling that mission. Course comes with optional service hours trip.

Notes:

*Optional Field Trip: Saturday, January 5th to San Francisco to a city outreach program. Students will also earn school/community service hours. Details will be announced during class.

Poetry and Painting

Cost:\$10

Instructor: Ms. Sparling

“Painting is silent poetry, and poetry is painting with the gift of speech.”

The Greek poet, Simonides of Ceos, defined poetry as a speaking picture and painting as mute poetry. In this January Term class, we will consider different ways a poem and a painting can come into being; including observation, sensory experiences, personal memory, and reflection. Students will explore the relationship between poetry and painting by reading and writing poetry, and creating paintings using a variety of mediums. In addition, they will keep a journal of ideas and preliminary sketches, and participate in small group critiques.

Slip-Knot-Crochet

Cost: \$25 cash, class will take a field trip on day one to purchase crochet supplies at Jo'ann Fabrics. Bring your own money to spend.

Instructor: Mrs. Mathews

Making something beautiful with your fingers and yarn! God made us from nothing. We can create with our fingers and yarn during this class. Learn to make socks, slippers, hat, or a head warmer during an introductory class to crochet. Come join >>>> for some fun slipping knots together without getting them tangled of course. Take home a creation to wear this winter. Link to project ideas:

<https://www.pinterest.com/mmathews13/slipknotcrochet/>

Technical Arts of the Stage: Audio Bootcamp

Cost: \$16 (Oakland Coliseum Tour)

Instructor: Mr. Benitez

We will explore all avenues of the audio industry, film sound, game audio, and live sound reinforcement. We will be working through the Audio Bootcamp workbook curriculum. You will get hands-on time with several audio consoles, analog and digital, and there will be several field trips to some of the top audio companies in the bay area. When you have completed the course, you should have a better understanding of what is necessary to run audio equipment around the campus and beyond.