

Whitinsville Christian School
2020-2021 New Course Offerings

Below are the list of new courses as well as courses that were not offered in 2019-2020 and will be offered in 2020-2021*.

Architectural Design & Engineering* - This semester course will guide students through the design process as it applies to the fields of architecture and structural design. Students will have opportunities to discover the art and science of architecture through form and function. The mathematical aspects of creation and how that relates historically to architectural design will be explored. Students will be exposed to a variety of architectural styles and architects through print and film. Being Christian in the field of architecture and its impact on design and stewardship will be explored. Technology will be an integral part of the course through the use of AutoCAD (computer-aided design software for house, landscape and 3-D plans). The culmination of the course is a final design project drawn with the AutoCAD program. Open to juniors and seniors.

AP World History: Modern - This year-long course is an introductory college-level course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Grade 12. Prerequisites: 90% average in US History or an 80% or above in AP US History.

Ceramics 2 - This course is for students who have completed Ceramics 1 and would like to continue their study. Students will have more design freedom as their projects will be responding to prompts that incorporate the building techniques learned in Ceramics 1. There will be more use of the pottery wheel and continental exploration of purpose, form vs. function, and design principles. Prerequisite: Ceramics 1

Computer Programming: Cryptography - A survey of hidden writing, codes, cyphers, encryption/decryption, and information security. You will learn computer programming (Javascript or Python) while learning how to both encrypt and decrypt messages using a variety of different methods. Course includes a historical overview of codes and code breaking with an emphasis on World War II. Course concepts include programming logic, problem solving, mathematics (probability and number theory). Open to juniors and seniors. Computer programming experience is helpful but not required.

Contemporary World History - This course will build on students' knowledge of World and US history through the World Wars, and focus on the restructuring of the postwar world, emerging nations, and global interdependence. Students will refine their ability to read for comprehension and critical analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information. (replaces Modern World History-Seniors only)

Creative Writing and Argumentation - This one-semester course is designed to offer the outlet for creative self-expression that lovers of literature crave, but rarely have time to explore in core English classes. Students will experience a wide range of poetry and prose; emulating masters of language while developing their unique voice in original pieces. The latter half of the course will delve into the art of argumentation, providing participants with the necessary skills to effectively voice their worldview and impact their communities. Formal debates on contemporary topics will incorporate research, passion, style, wit, and rhetoric into authentic discussions on student-selected issues. This course will emphasize the power of publication, and students will be equipped to submit sophisticated pieces to various community forums. Prerequisites: sophomore-senior (replaces Creative Writing)

Early Western Civilizations - This course investigates the rise of mankind from the earliest records to the fall of the Western Roman Empire in 476 A.D. Students will analyze diverse societies and civilizations from around the world, with an emphasis on the political, cultural, and military structures and historical forces that shaped the modern world. Students will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and then arrive at and present their own conclusions. Civilizations studied will include Persia, Mesopotamia, Israel, Greece, India, Egypt, and Rome. Seniors only

Financial Literacy - This course prepares students to be good stewards of what God has placed in our hands. Throughout the semester the class will focus on many important topics to stimulate thinking for the future. Students will be presented with life skills: resume building, interviewing techniques and conflict management to prepare students for entering the world of work. As part of the class, students will also learn about vocation/calling and what fields they might best apply their gifts and talents. The main focus of this part of the class will be on money and financial skills. Students will learn about budgeting, investing, savings, insurance, debt, taxes, and tithing to teach them about financial responsibility. Many of the above topics will be presented on by members of the WCS and local community in order to give the students a real life perspective. Grade 11; required (quarter course offered opposite Personal Wellness)

Intro to Music Theory - This one-semester course aims to introduce students to a focused, musical approach to the fundamentals of music theory. Topics covered include pitch notation, simple and compound meters, beat subdivisions and syncopation, major and minor keys and scales, intervals, triads and seventh chords, melody harmonization and cadences. This course will also include an emphasis on real music from Bach to Broadway, Mozart to Katy Perry. This course will help any student musician become a better musician. Students planning to take AP Music Theory should take this course. But this course is also accessible to all student musicians, not just those planning to take AP or study music in college. Grades: 9-12. Prerequisites: Participation in Band, Choir, Orchestra or any extra curricular music or musical ensemble

Personal Wellness - This course will equip students with knowledge and skills to take care of their bodies as they experience many of the influences in the world and communities around them. Personal wellness will be represented by a balance of mental, emotional, social, spiritual, and physical wellbeing. Topics will include mental health, exercise and nutrition, substance abuse, the effects of social media, and human sexuality. Guest speakers by members of the WCS and local community will be invited in to discuss some of these topics to give real life perspectives to what students may experience after high school. As part of this course students will also be trained and certified in a basic CPR course. Overall this course aims to develop a more mature understanding of how and why we should take care of our bodies in a way that glorifies our Creator, especially in a culture and season of life that is constantly changing and presenting challenges to our wellbeing. Grade 11; required (quarter course offered opposite Financial Literacy)

Sculpture 2 - This course is for students who have completed Sculpture 1 and would like to continue their study. Students will have more design freedom as their projects will be responding to prompts that incorporate the building techniques learned in Sculpture 1. We will explore the use of more materials, create different types of sculpture, and analyze design choices made by other sculptors and architects. Prerequisite: Sculpture

Survey of the Bible - The first half of the course focuses on a thematic overview of the Old Testament. Students will be encouraged to grow in their spiritual walk with God as they study God's earliest plans and dealings with his people. Creation, the fall into sin, God's covenant, Israel's disobedience, wisdom literature, and the books of the prophets form the core of this course. The second half of the course focuses on the New Testament, particularly the person and works of Jesus as he lived on the earth, died, and ascended to power and glory at God's right hand. Also included are the beginning and spread of the New Testament church, Paul's journeys, the epistles, and Revelation. Grade 9

Web Design* - This is an introduction to the design, creation, and maintenance of web pages and websites. Students learn to use HTML (hypertext markup language) to code web pages, CSS (Cascading Style Sheets) to format images and text, and basic JavaScript programming to make pages more interactive. Students learn how to create and manipulate images, and how to critically evaluate website quality. Prerequisite: Technology Fundamentals / Sophomore-Senior

World History 1 and 2 - After a review of ancient history, this two-semester course dives into the Renaissance and Reformation (1300–1650), New Global Connections (1415–1796), Absolutism and Revolution (1550–1850), The Industrial Revolution (1750 – 1914), Nationalism and the Spread of Democracy (1790–1914), The Age of Imperialism (1800–1914), World War I and the Russian Revolution (1914–1924), the The World Between the Wars (1910–1939) and World War II (1930–1945). The course will illuminate connections between our lives and those of our ancestors around the world. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Grade 9; required

Courses Not being offered 2020-2021

AP European History
Art History
Biblical Palestine
Cold War America
Contemporary Christian Leadership
Foundations
Marriage & Family
Modern American History
Old Testament Survey
Psychology

This page for Tammi's notes - not included on student handout

New description but not being offered 2020-2021 (I wouldn't change curriculum guide at this point)

Marine Biology: (New- as a semester class) - Marine Biology is a lap science class that takes an in-depth study of Marine ecosystems. Marine biology explores the biotic and abiotic factors that make up the various levels of the marine biome. Students will spend a significant amount of class time investigating brackish water, tidal pools, mudflats, benthic communities, fouling communities, tidal flats and much more. Each phylum of the animal kingdom will be explored in depth giving students a very solid background in zoology. Labs will include dissections and Marine biome modeling. Prerequisite: Biology and recommendation by Science Department.

Foundations- no longer a course; remove from curriculum guide

Modern American History- no longer a course; remove from curriculum guide

New course name-

Change Ancient Civ to Early Western Civilizations (Seniors only)