

**WORTHINGTON CHRISTIAN
SCHOOL-TOM ANGLEA UPPER
SCHOOL CAMPUS**

Course Description Catalog
Grades 9-12



Worthington
CHRISTIAN SCHOOL

2020 – 2021

TABLE OF CONTENTS

PASS OPTION	3
CHRISTIAN STUDIES, REQUIRED COURSES	4
CHRISTIAN STUDIES, ELECTIVE COURSES	5
BUSINESS AND TECHNOLOGY	7
SENIOR BUSINESS ELECTIVES	9
FINE ARTS, PERFORMING	13
FINE ARTS, VISUAL	15
LANGUAGE ARTS, REQUIRED COURSES	19
LANGUAGE ARTS, ELECTIVE COURSES	21
MATHEMATICS, REQUIRED COURSES	24
MATHEMATICS, ELECTIVE COURSES	27
PHYSICAL EDUCATION AND HEALTH, REQUIRED COURSES	29
PHYSICAL EDUCATION AND HEALTH, ELECTIVE COURSES	30
SCIENCE	31
SOCIAL STUDIES, REQUIRED COURSES	37
SOCIAL STUDIES, ELECTIVE COURSES	40
WORLD LANGUAGES	42
MISCELLANEOUS ELECTIVE COURSES	46
COLLEGE CREDIT PLUS	48
GRADUATION REQUIREMENTS	50
FRESHMAN SCHEDULING WORKSHEET	51
SOPHOMORE SCHEDULING WORKSHEET	52
JUNIOR SCHEDULING WORKSHEET	53
SENIOR SCHEDULING WORKSHEET	54

It Is the Mission of Worthington Christian to Develop the Mind of Christ in Students through Rigorous Intellectual, Creative and Physical Pursuits.

PASS OPTION

In order to encourage students to explore academic areas where they have interest, but may not necessarily excel, in grades 9-12, we offer the "Pass Option" so that students may explore areas of interest without fear of negatively impacting their GPA.

A final course grade may be changed to "Pass" no later than one week after the final course grade is issued. The designation is permanent and will not be changed. In order for the course grade to be changed to "Pass," all of the following conditions must be met, without exception:

- The course is not necessary to meet Ohio or US Graduation requirements for Christian Studies, Language Arts, Mathematics, Science or Social Studies.
- **The course is not a CCP course or an AP course designated for graduation credits.**
- The course is NOT in the middle of a sequence of required courses. (All required credits must be earned in a subject area in order to apply the "Pass Option.")
- The student has earned at least a C- in the course.
- The student has not presented a behavior issue in the class, as reflected by discipline referrals. (Behavior problems adversely impact the learning environment and rob fellow students of the opportunity to gain maximum benefit from the course.)
- The student has not designated another course as "Pass" during the academic year. (Only one full year course or two single semester courses may be designated per year.)
- The paperwork for the "Pass" designation will be filed with the Registrar no later than 3:00 p.m. one week after final course grades are published.

Credit will be granted for a "Pass" course, and "P" will be entered on the student's transcript. However, it will not be reflected in the GPA nor will it be considered as a "credit attempted" for GPA calculation purposes. For example, if a student has earned 29 credits, and three of those credits are designated "Pass," then the GPA will be calculated based on 26 credits. The school profile that accompanies transcripts sent to colleges will explain the "Pass" option. To request that a qualifying course grade be changed to "Pass," a student must first complete the course, then submit a completed "Pass Option Request" form that is available from the Registrar and online. It is not our responsibility to solicit or remind students to submit "Pass" requests. Publication of this policy in the course catalog and handbook is sufficient notice of the availability of the option. Please do not ask for any exception or alteration to any portion of this policy. This policy is not retroactive to courses taken and grades earned prior to the current school year.

CHRISTIAN STUDIES, REQUIRED COURSES

4 credits are required (1 credit for each year of attendance)

CHRISTIAN STUDIES 9 – Biblical Background

1 period – 2 semesters, 1 credit

This class is an in-depth study of the books of the First Testament. The goals of the class are, first, to give the student a deeper cultural and theological understanding of the Bible. The second is to help the student understand the narrative of these books and how they fit into the greater metanarratives of the Bible as one story of Yahweh's redemption of humanity and creation.

CHRISTIAN STUDIES 10 – Gospels and Acts

1 period – 2 semesters, 1 credit

This course examines the four gospels, Acts, and Paul's Corinthian correspondence. The life of Christ is examined along the theological lines of the synoptic gospels, paying special attention to the death, burial and resurrection of Christ

CHRISTIAN STUDIES 11 – Pauline Epistles and Christian Theology

1 period – 2 semesters, 1 credit

In this course we will read, study, and discuss Paul's letters. The course will focus on Romans, Galatians, Ephesians, Philippians, and Colossians, but we will refer to other biblical texts as we investigate how Paul's letters fit in the larger context of the Bible. Special attention will be given to the historical, cultural, and social background of Paul's letters, as well as the theological points made in each letter. We will also discuss how Paul's letters inform our modern Christian theological perspectives.

CHRISTIAN STUDIES 12 – Worldview and Doctrine

1 period – 2 semesters, 1 credit

This course attempts to prepare the mind for the battle of adulthood and freedom that is ahead. This course combines the study of classic apologetics and a ready defense of the truth claims of Christianity with an in-depth look at the philosophical and religious systems prevalent in the postmodern world. Those philosophies will be compared to Scripture and a consistent Christian view of the world to demonstrate how a relationship with God, through Christ Jesus, is the only thing that will satisfy man's soul.

CHRISTIAN STUDIES, ELECTIVE COURSES

Recommended for all students desiring to grow in their Christian faith

MARRIAGE AND THE FAMILY

1 period – 1 semester, ½ credit

This course will dive deeper into the Biblical view and purpose of marriage, family and relationships in contrast to the way our culture views marriage and family. Students will be equipped with tools for healthy relationships, communication, and conflict resolution. This class will provide the necessary worldview and tools to equip one – whether married or single – to have healthy relationships with family and friends.

- Pre-requisites: Must be a Sophomore, Junior or Senior to take class.

COMPARATIVE RELIGIONS

1 period – 1 semester, ½ credit

This course will address the basic unifying beliefs that form the foundations of the religions and cults throughout our history. It then takes a historical and systematic approach to the study of the major world religions that one is most likely to encounter. In addition to this, we will look at how these beliefs have shaped the culture that we live in today.

- Pre-requisites: Must be a Sophomore, Junior or Senior to take class.

DANIEL AND THE MINOR PROPHETS

1 period – 1 semester, ½ credit

This course studies Daniel and each of the Minor Prophets. The historical background of the prophets, their prophetic message, and personal applications that can be taken from each book are discussed. Students write personal reflective journals and analytical papers on each prophet's writings. Some memorization is required.

PHILOSOPHY

1 period – 1 semester, ½ credit

The world is full of ideas. How does one make sense of the plurality? This course deepens students' ability to reason through many of the challenges presented to Christians by unbelievers. Throughout the semester, students take the responsibility of guiding the class instruction. Special attention is given to examination of postmodernity, particularly as manifested within Christendom.

- Pre-requisites: Open to Juniors and Seniors; permission from instructor required for Sophomores.

LEADERSHIP

1 period – 2 semesters, 1 credit

This course is designed to teach students what leadership is, to help students learn their own leadership strengths and weaknesses, and to give students practical leadership opportunities. Students will examine key leadership characteristics throughout the year, and will study historical and biblical models that exemplify these characteristics. They will then practice and evaluate their own growth in each of these key areas. This class utilizes the framework of houses: students apply for admission to the course, and by being selected are named “head of household” for their house. Many leadership responsibilities throughout the year are tied to house events.

- *Pre-requisites: Only Juniors and Seniors may apply.*

BUSINESS AND TECHNOLOGY

BUSINESS

ACCOUNTING

1 period – 1 semester, ½ credit

Accounting I provides the student with a background in basic accounting procedures used to operate a sole proprietorship business. The course offers solid business concepts for employment in office and business-related jobs and prepares the student for studying business courses in college. Although the course utilizes basic math skills, it is not a math class. This course is a valuable tool for students who want to learn how to recognize & summarize personal records in order to make better financial decisions.

- Pre-requisites: Open to sophomores, juniors and seniors.
- *Special Note: Now offered in Fall and Spring Semester*

SPORTS MARKETING & ENTERTAINMENT

1 period – 1 semester, ½ credit

This course is designed to study marketing principles and concepts in the sports and entertainment industry. Instructional areas will include an orientation to the sports and entertainment industry, history of sports in America, economics, risk management, event marketing/execution, career opportunities, decision-making, advertising and promotion, legal aspects/contracts, and much more. Classroom instruction reinforced by documentaries, case studies, projects/lectures, classroom discussions, and possible field trip experiences.

- Pre-requisite: Open to Sophomores, Juniors, and Seniors.
- *This course is a 1 semester elective course offered in Fall and Spring.*

ENTREPRENEURIAL INCUBATOR

1 period – 2 semesters, 1 credit

This course is designed to prepare students to become true entrepreneurs. Students will have the opportunity to create and fully develop their own product or service with the possibility of gaining a potential investor via a *Shark Tank* pitch. Students will have the ability to work with real-world entrepreneurs and business experts as coaches and mentors to help develop their products. Students will go through the process of ideation, market research, and business plan development using the business model canvas approach by using the principles and processes from the LEAN startup concept - a scientific approach to creating and managing startups. Students will learn about marketing, accounting, human resources, as well as the legal aspects of running a business.

- Recommended for: The student who is passionate about business and starting their own business.
- Pre-requisites: Open to sophomores, juniors, and seniors.
- This course is a year-long elective course. *(2020-2021 school year only - This course will be focusing on creating and implementing a mobile student-run coffee shop)*

PERSONAL FINANCE

1 period – 1 semester, ½ credit

Personal Finance is designed to address the growing need for using godly wisdom in making financial decisions. Students will have the opportunity to apply relevant fundamental money management skills to meet the demands as adults in the workplace, as well as succeed at their job and in everyday life. Topics include calculating gross income, paying taxes and completing income tax returns, keeping accurate records, establishing savings and checking accounts, making cash and credit card purchases, understanding the impact of credit ratings, planning for a future career, applying for a loan, buying insurance, purchasing a vehicle, making mortgage payments, investing, and more.

- Recommended for: Sophomores, Juniors, and Seniors.

SENIOR BUSINESS ELECTIVES

INTERNSHIP ACADEMY

3 periods – 1st semester, 1.5 credit (Pass/Fail)

The class roster has already been determined, this information is supplied for upcoming juniors to consider for their senior year.

Internship Academy provides an opportunity to observe and learn from a mentor in a career-specific profession about functioning and thriving in the marketplace while exercising his/her faith and developing skills, abilities, education, and training. Once accepted into the program, each student will spend time in class at the beginning and end of the semester with the IA Advisor to discuss and learn the importance of Godly leadership, workplace etiquette, policies, confidentiality, communication, writing resumes, and preparing for job interviews. They will be placed in two six-week career site placements related to his/her career interests with a mentor in that related profession. Each student will work (unpaid) a minimum of 60 hours in each placement (an average of ten hours per week). During the student's placements he/she will be responsible to document hours completed and write a weekly journal of experiences and what was learned. The course is offered in a 3 period block. Therefore, for scheduling purposes students need to set aside three periods for this course.

- Recommended for: Highly motivated, independent Senior students.
- Outcomes: At the end of the semester, students showcase their internship experiences via the Internship Academy "In Review."
- Pre-requisites: The Internship Academy is open only to seniors who must first go through an application, interview, and faculty review process in the spring of their Junior year. The student must provide his/her own transportation to the placement sites. Expenses may be incurred (depending on the placement) for parking, background checks, health exams, etc. *Special Note: Taking Internship Academy may prohibit taking other courses due to schedule conflicts.*

WORK READINESS (In cooperation with Early Release)

½ credit per semester

Seniors only

Work Readiness gives seniors who have early release the opportunity to earn ½ an elective credit per semester. Students who hold a job and whose supervisor is willing to cooperate would be eligible for this elective. Supervisors will evaluate participants based on 15 measures, all of which foster the development of soft skills that will be useful for any job in the future. Progress on those measures will provide the basis for a "Pass" and the granting of elective credit. Being 'fired' from the job would result in a "Fail" for the class.

TECHNOLOGY

ENGINEERING I – BEGINNING COMPUTER AIDED DESIGN AND DRAFTING

1 period – 1 semester, ½ credit

The Engineering I class will introduce students to fundamentals of technical drawing, dimensioning practices and orthographic projections. The course will leverage the Auto Desk Suite of tools to produce computer-aided building drawings. This course does not require students to have any previous drafting experience.

- Recommended for: The student who is considering a career in engineering, architecture or design.
- Outcomes: By the end of this course, students will have a working knowledge of the AutoCAD drafting environment, a working knowledge of the inventor mechanical design environment, and will have produced a number of basic drawing files.

ENGINEERING II – ADVANCED COMPUTER AIDED DESIGN AND DRAFTING

1 period – 1 semester, ½ credit

The Engineering II class will build upon the fundamentals of technical drawing, dimensioning practices and orthographic projections acquired by the student in Engineering I. This course will leverage the Auto Desk Suite of tools to produce computer-aided building drawings.

- Recommended for: The student who is considering a career in engineering, architecture or design
- Outcomes: Students will gain a comprehensive knowledge of the AutoCAD drafting environment, a working knowledge of the Revit modeling environment, and will have produced a number of complex drawing files and a detailed virtual three dimensional model.
- Pre-requisites: Engineering I

NOVICE PROGRAMMING

1 period – 1 semester, ½ credit

Novice Programming is a course designed to introduce students to programming using Visual Basic. This course does not require students to have any previous programming experience. The computers in the computer lab will be utilized to create, compile, debug, and run Visual Basic programs. The course will leverage the Auto Desk Suite of tools to produce computer-aided building drawings.

- Recommended for: Anyone interested in beginning programming or who wants to explore critical thinking. This is a good class to try a new skill with the option of pass/fail.
- Outcomes: Students will gain basic programming understanding and a working knowledge of the Visual Basic programming language.

INTERMEDIATE PROGRAMMING

1 period – 1 semester, ½ credit

Intermediate Programming class is designed to advance the students who have had some programming experience. The class will mainly utilize the C++ programming language. The computers in the computer lab will be utilized to create, compile, debug and run C++ programs.

- Recommended for: Anyone interested in intermediate programming understanding, has completed Novice programming, or took DIGITECH at WCMS.
- Outcomes: Students will gain a working knowledge of the C++ programming language.

EXPERIENCED PROGRAMMING

1 period – 1 semester, ½ credit

The Experienced Programming class is designed to expand students programming knowledge into advanced areas. The class will mainly utilize the JAVA programming language.

- Recommended for: Anyone interested in more advanced programming. The course moves at a faster pace than Intermediate and expects a basic understanding of general programming constructs (variables, conditions and functions).
- Outcomes: Students gain an in depth knowledge of programming as well as a working knowledge of the JAVA programming language.

ROBOTICS I

1 period – 1 semester, ½ credit

The Robotics class is designed to introduce students to mechanical design and construction of robotic devices. Students learn basic robotic construction and how to program basic robotic behaviors using motors and rotation, sound, light, touch, and ultrasonic sensors

- Recommended for: The student who is interested in math and science, and students considering a career in engineering.
- Outcomes: Students gain a basic working knowledge of the scientific method and inquiry, programming constructs related to robotics, and will have created a working robot that implements instructions through computer programs.
- Pre-requisites: Minimum grade of C in Novice Programming, Intermediate Programming or Experienced Programming.

ROBOTICS II

1 period – 1 semester, ½ credit

The Robotics II class is designed to expose students to advanced mechanical design and robotic construction. Students learn more advanced robotic construction and how to program advanced robotic behaviors using motors and rotation, sound, light, touch, and ultrasonic sensors. Robotics includes areas of science, mathematics, engineering, and technology as it relates to solving problems.

- Recommended for: The student who is interested in math and science, and students considering a career in engineering.
- Outcomes: By the end of the course, students will have greater working knowledge of the scientific method and inquiry, programming constructs related to robotics, and will have created a working robot that implements instructions through computer programs.
- Pre-requisites: Minimum grade of C in Robotics I.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

1 period – 2 semesters

1 credit, This course is weighted

This course introduces students to the central ideas of computer science, instilling the practices of computational thinking and inviting students to understand how computing changes the world. While programming is contained in this course, the focus is on using technology and programming as a means to solve computational problems. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. The course is a STEM (Science, Technology, Engineering & Mathematics) course focusing on these specific areas: how computing connects society, creating using technology (animations, digital music, websites, programs), abstraction for developing models and simulations, analyzing and evaluating computational work, communicating the impact of technology, and collaboration.

- Recommended for: Juniors and Seniors with interests in mathematics and science and/or considering a technology career.
- Pre-requisites: A programming class (Novice, Intermediate, Experienced) and Algebra II.
- Special Note: Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the FACTS Family account. The fee will be posted to the account in the fall, but families will be given until March 1st to pay these charges.

FINE ARTS, PERFORMING

DRAMA/THEATER

THEATER I: BEGINNING ACTING

1 period – 1 semester, ½ credit

This class covers the basics of acting and performance. The course studies improvisation, history, terminology, and acting as students compare the world of theatre to the Christian world. Students look at the strength and power of theater as a stimulant for growth in themselves and their Christian walk.

- Recommended for: Open to all students and will include going as a group to attend outside theater productions, as well as offer a chance to perform both inside and outside of the classroom.

THEATER II: HISTORY AND PRODUCTION

1 period – 1 semester, ½ credit

Theater History and Production is for the more serious enthusiast. Students will work on the school spring production as well as put together their own night of theater. The class will work through a production from audition to curtain call and deal with everything in between. This class will stretch students in their knowledge and performance of the theater.

- Recommended for: The serious theater enthusiast
- Pre-requisite: Beginning Acting

MUSIC

CHOIR – Women's/Mixed and Men's/Mixed

1 period – 2 semesters, 1 credit

Choir is a combination of three performing groups, (Men's Choir, Women's Choir and both will join together for Mixed Choir) rehearsing daily for the full year. Each student will have the opportunity to audition for an ensemble if he/she desires. Students will, over time, learn the fundamentals of proper vocal production, musical expression, and sight-reading. Choir requires time outside of class for various rehearsals, concerts, performances, festivals, and contests. Apparel purchase is required at a cost of between \$70-\$90. This is a one-time expense as it can be used throughout the high school years.

- Recommended for: This course is open to all students who have musical ability and love to sing.
- Special Note: Lunch Choir is available for those who would like to join Choir but cannot due to scheduling reasons. Lunch Choir meets during second lunch (Lunch B) and is also full year. Students will receive credit for Lunch Choir.

BAND

1 period – 2 semesters, 1 credit

Students involved in the band program will enjoy a yearlong program of improving their musicianship through rehearsing and performing a variety of musical styles, including classical, jazz, and pop. There will be opportunities for band members to perform at solo and ensemble competitions or other music festivals. Attendance at rehearsals, concerts, performances, festivals, and contests outside of the school day is required. Apparel purchase is required at a cost of approximately \$70-\$90. This is a one-time expense as it can be used throughout the high school years.

- Pre-requisites: Previous membership or permission of director.
- Special Note: Band is a full-year course, students may not be permitted to drop at the semester.

ORCHESTRA

1 period – 2 semesters, ½ credit

Students involved in Chamber Orchestra will enjoy a yearlong opportunity to play varied styles of musical literature from the Baroque to Contemporary eras. Emphasis will be placed on improving technical skills, musicianship, ensemble training, and group performance skills. Attendance at rehearsals, concerts, performances, festivals, and contests outside of the school day is required. Some apparel purchase is required, at a cost of between \$70-\$90. This is a one-time expense as it can be used throughout the high school years.

- Pre-requisites: Previous membership or permission of director.
- Special Note: Orchestra is a full year course, students are not permitted to drop at the semester.

MUSIC THEORY, EAR TRAINING & HISTORY I, II, III and IV

1 period – 1 semester, ½ credit

Music Theory, Ear Training, and History is an integrated course focusing on reading and writing music and the history of Western music. Topics covered will include notation, meter, scales, intervals, triads, chords, sight singing with solfeggio, ear training, and dictation (harmonic, melodic and rhythmic), as well as the six major eras of Western music. The course can be taken additional times for the student who wants to progress to the second and fourth level. Previous music reading and organizational skills are highly recommended for success in this class.

- Recommended for: Any prospective music major.
- Pre-requisites: None for Music Theory I, Teacher suggested for Music Theory II-IV

FINE ARTS, VISUAL

BEGINNING DRAWING

1 period – 1 semester, ½ credit

Students of all ages learn to see as well as draw in this basic studio course. Drawings become more accurate with simple lessons, lots of demonstrations, and individual help. We do drawings that are carefully executed as well as those of a more experiential nature. A field trip to the Columbus Museum of Art will encourage lifelong learning in the arts as students learn the value of art.

- Recommended for: This class is recommended for those with little or no drawing experience.

ADVANCED DRAWING

1 period – 1 semester, ½ credit

Advanced Drawing students invent new solutions to challenging ideas. All lessons are based on concepts learned in the beginning class. Students use a variety of media including colored pencil and pastel. A field trip to the Columbus Museum of Art will encourage lifelong learning in the arts as students learn the value of art.

- Pre-requisite: Beginning Drawing

BEGINNING PAINTING

1 period – 1 semester, ½ credit

This basic studio course includes techniques such as blending and layering, and traditional use of several types of paint. We study classical and contemporary painting, nourishing students' individual creativity as they learn painting concepts and styles. A field trip to the Columbus Museum of Art will encourage lifelong learning in the arts as students learn the value of art.

- Recommended for: This class is recommended for those with little or no prior painting experience.

ADVANCED PAINTING

1 period – 1 semester, ½ credit

Students will build skills in traditional, experimental media and forms that were introduced in the beginning class. They will use watercolor, acrylics, and mixed media while keeping in mind the principles of design. Students will learn a continuing study of art history, theory, and critical review. Fresh approaches will begin to secure the student's AP portfolio. Museum visit included.

- Pre-requisite: Beginning Painting

ADVANCED PLACEMENT ART

1 period – 2 semesters

1 credit, This course is weighted

This class offers a unique opportunity for students to work in their own studio space, gain college credit, and have their own art show! Students will work on portfolios with the goal of submitting 24 major pieces to the College Board that meet very specific college-board requirements in May of their junior or senior year for AP Studio Art. This is a college level class with high standards and expectations for both classwork and daily homework. AP Art is suitable for seniors or juniors who would like to have their AP scores before they apply for college. A sketchbook, art show, group critiques, and increasing awareness of the art world are all essential parts of this opportunity to achieve more in art. Museum visit included.

- Pre-requisites: Beginning and Advanced Drawing, Beginning and Advanced Painting, and permission of instructor. Open to Juniors and Seniors only.
- Special Note: Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the FACTS Family account.

DIGITAL ART

1 period – 1 semester, ½ credit

Drawing with an undo key is so much better! Eliminating mistakes becomes super easy. Working on separate transparent layers, using the Apple Pencil for drawing and only saving your best marks is a seriously fun way to approach art. We play around with lots of apps including the very powerful ProCreate App for the iPad. Students produce a portfolio of all kinds of drawings. Museum visit included.

BOOKMAKING

1 period – 1 semester, ½ credit

In Bookbinding, students will learn the basic bookbinding techniques and create six different book forms from an accordion book to a final hardbound book. The class will study the history of books to gain an appreciation for books. Students will develop handmade and hand decorated papers to include in their books, designing, and constructing their own limited edition books.

CERAMICS I

1 period – 1 semester, ½ credit

Students will enjoy this class if they like to build and create with clay. Techniques learned will include building stoneware pieces by hand and throwing on the potter's wheel.

- Special Note: For scheduling purposes, students will select CERAMICS as their course request and will then be placed into Ceramics I, II or Independent by the instructor.

CERAMICS II

1 period – 1 semester, ½ credit

Students in Ceramics II will continue to develop the techniques learned in Ceramics I. Students will develop skill in hand building processes, throwing, and trimming pieces on the potter's wheel.

- Pre-requisite: Ceramics I
- Special Note: For scheduling purposes, students will select CERAMICS as their course request and will then be placed into Ceramics I, II or Independent by the instructor.

INDEPENDENT CERAMICS

1 period – 1 semester, ½ credit

Students in Independent Ceramics will develop advanced hand building and throwing processes. Assignments include large pieces, lids, handles, surface texture and attachments, and a teapot with accompanying pieces. Students will develop all pieces for display and competitions. Students will gain knowledge about running the clay studio, maintaining ceramic supplies and equipment, and teaching their peers.

- Pre-requisite: Ceramics I and II
- Special Note: For scheduling purposes, students will select CERAMICS as their course request and will then be placed into Ceramics I, II or Independent by the instructor.

FIBER ARTS

1 period – 1 semester, ½ credit

Students will explore the areas of papermaking, printmaking, basketry, batik and Shibouri or Japanese fabric sculpture. Students will gain knowledge of the history of each process and develop projects using knowledge gained in each area. Students will make paper, produce prints, weave a basket and create batik and Shibouri fabric pieces.

TEXTILE ARTS

1 period – 1 semester, ½ credit

Students will work with all forms of fibers and textiles. Students will create a quilt square that will become a pillow cover, using the sewing machine for some of the work. Students will make natural soap and design the packaging for the soap. They will learn to knit and complete a scarf, weave a traditional Indian wedding basket, design a room interior, and work with dyes to create a folded Japanese patterned scarf.

BEGINNING DIGITAL PHOTOGRAPHY

1 period – 1 semester, ½ credit

This class will focus on introducing the student to basic photographic principles and practices, as well as, providing formal study and evaluation of the history of photography. It will primarily emphasize actual in-class and on-site experience allowing the student to develop proficiency in the skills and techniques discussed during the course. The major areas of study include: (1) the camera and its technology, (2) proper use of shutter speed, aperture and ISO, (3) use of natural and artificial light, (4) exposure control, (5) tools of composition, (6) appropriate use of depth of field, and (7) basic editing of final images. Students will select and submit two images to be judged in the seasonal art show.

ADVANCED DIGITAL PHOTOGRAPHY

1 period – 1 semester, ½ credit

Advanced Digital Photography will reinforce and expand upon the skills learned in the Beginning Digital Photography class. During this advanced course, learners will: (1) refine their compositional skills, (2) demonstrate stronger control and mastery of camera functions, (3) show advanced proficiencies in exposure control, and (4) demonstrate core techniques and basic skill in the use of photo editing software. All assignments will be theme-based. Topics including nighttime photography, time-exposure, unusual use of lighting, portrait, sports and astrophotography may also be explored as part of the course of study. A minimum of one to a maximum of three field trips will be incorporated as part of the course.

- Outcomes: Students will submit no less two images, or a themed set of at least three images to be judged in the seasonal art show and will maintain all finished and watermarked images in a personal portfolio.
- Pre-requisites: Beginning Digital Photography

LANGUAGE ARTS

REQUIRED COURSES

ENGLISH 9 – Survey and Composition

1 period – 2 semesters, 1 credit

English 9 provides a foundation for the study of literature and composition. Through the study of a variety of types of literature, such as the short story, poetry, and the novel, the student will develop knowledge of the terms and techniques needed to analyze literature. The course will further serve as a workshop to develop more sophisticated grammar and writing skills required throughout high school and college. Emphasis is placed on writing as a process.

ENGLISH 10 – World Literature and Composition

1 period – 2 semesters, 1 credit

English 10 trains students to engage complex ideas with precise vocabulary, convincing arguments, and clean writing. These skills will be cultivated through the study of literature: novels, short stories, poems, dramas, and myths from authors around the world. Through year-long practice, students will fortify strong foundations of grammar and vocabulary, enabling them to construct clear, graceful sentences in four genres of writing: literary analysis, persuasion, personal essay, and a major research paper.

ENGLISH 11 – American Literature and Composition

1 period – 2 semesters, 1 credit

The English 11 course is designed to provide juniors with a chronological, systematic study of American Literature, involving close reading of literature, intensive writing and revising, critical thinking, and the discussion of literature. The course involves the analysis of works of poetry, prose, short stories, novels, and drama. Students in English 11 will develop their abilities to analyze literature and the philosophical mindset of the authors, in conjunction with a brief overview of historical eras and philosophies (e.g., Transcendentalism, Realism, Naturalism). Advanced grammar topics will be presented, especially in view of usage in student writing and literary devices; a study of vocabulary from Greek roots and prefixes; and numerous in-depth writing exercises that will include researched critical analyses involving secondary sources.

ADVANCED PLACEMENT ENGLISH 11

1 period – 2 semesters

1 credit, This course is weighted

Not Eligible for Pass Option

The AP English Literature and Composition course is designed to provide students with a detailed, chronological overview of American Literature, and, in the process, to encourage them to question authorial craft and purpose through the discussion of challenging works of poetry, prose, nonfiction, satire, short stories, novels, and drama. This particularly rigorous, college-level course is also intended to enable students to become skilled in composing for different audiences and purposes; in identifying literary structures and conventions; in using effective diction, varied sentence structure and correct grammatical form; and in mastering stylistic rhetorical devices while analyzing great literature. The course also includes the review of grammatical concepts and a wide range of literary devices each week. Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the family FACTS account.

- Recommended for: Juniors desiring to take the course must have advanced reading and writing skills, and should be ready for challenging reading material, critical analysis, and a grasp of abstract thought.
- Pre-requisites: A average in English 10 or instructor permission.

ENGLISH 12 – British Literature and Composition

1 period – 2 semesters, 1 credit

The purpose of English 12 is to develop within the seniors the ability to comprehend and to interact with various literary genres from world literature. Emphasis will be on reading comprehension, critical analysis, and the ability to effectively communicate through writing responses to the ideas presented in the literature. Vocabulary, journal writing, research skills, and oral presentations are all part of the curriculum as well. Reading and critiquing novels, plays, and non-fiction writings outside of the classroom are a significant part of the student's assessment.

ADVANCED PLACEMENT ENGLISH 12

1 period – 2 semesters

1 credit, This course is weighted

Not Eligible for Pass Option

This advanced course is, in part, an assimilation of skills, concepts, and information taught in previous years of high school. There will be a major emphasis on literary analysis and composition. The literature read will include fiction and non-fiction from a variety of selections taken from world literature. The writing will be primarily based on students' critiquing of the ideas and worldviews encountered in the literature. Vocabulary will emphasize roots and prefixes and the development of context skills. Reading comprehension, research, extensive out of class reading, group discussion, and individual oral presentations will all be part of the curriculum. Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the family FACTS account.

LANGUAGE ARTS

ELECTIVE COURSES

SENIOR WRITING LAB

1 Period - 1 semester, ½ credit

Senior Writing Lab is a course designed to provide students with additional writing skills specifically for the college admissions process. We will spend time developing voice, purpose, and precision in assigned essays along with refining grammar and revision skills. While students will receive direct instruction, there will also be time allotted for writing and workshopping with the instructor and peers. Students will be required to complete all essays for the Common Application as a part of the course.

CREATIVE WRITING

1 Period – 1 semester, ½ credit

This is a course for any student who is interested in developing writing skills in creative expression. Throughout the semester we will dissect poetry, fiction, and creative non-fiction exemplars to discover the building blocks of great creative writing. Using those exemplars as models, students will then complete a portfolio of multiple types of creative writing as a final project. Students will also participate in a workshop environment, receiving feedback from peers and the instructor. If you “dabble” in poetry, want to write a book one day, or just love writing, consider expanding your skills with this course.

INTRODUCTION TO SPEECH

1 period – 1 semester, ½ credit

This course is designed to teach students how to deliver an effective speech and learn the basic types of public speaking. Successful communication skills are required in nearly every profession and are often the determining factor in career advancement. Learning effective verbal and non-verbal communication skills will give students the poise, confidence, and skills they need to be able to communicate effectively both in and out of school. Students will begin with basic exercises to minimize anxiety and will then move on to shorter, informative speeches.

iJOURNALISM I – INTRODUCTION TO JOURNALISM

1 period – 1 semester, ½ credit

Journalism is about telling stories that pursue the truth. This course is designed to teach students how to tell a story in a fresh and unique way. We will use cameras and iPads to establish a broad understanding of news history, writing, production, social media, and personal mobile devices. Assessments will include a few quizzes and tests, but mostly projects and hands-on application. One of the highlights of the semester will include a field trip to a local TV news or radio station. Students will also be expected to attend several WC events throughout the semester in order to capture the story as it unfolds.

iJOURNALISM II – ADVANCED JOURNALISM

1 period – 1 semester, ½ credit

This course provides practical, hands-on experience utilizing technology for writing, producing, and presenting news in the 21st century. Students will hone their investigative, interviewing, and presentation skills as they research on multiple social media and online platforms. This course puts students right in the middle of the action, and as a member of the iJournalism News Team, students will be expected to make WC events a priority throughout the semester in order to capture the stories as they unfold.

- Pre-requisite: iJournalism I

YEARBOOK

1 period – 2 semesters, 1 credit

The yearbook staff is responsible for the production and organization of the Worthington Christian High School's annual yearbook. This course requires highly motivated students who are capable and willing to work on a team to create the yearbook. Each student is responsible to work on a project team and will be evaluated corporately, as well as individually.

- Recommended for: Yearbook is open to sophomores, juniors and seniors. Class size is limited to 6 students.

LIVE BROADCASTING & PRODUCTION

1 period – 1 semester, ½ credit

This course will focus on all aspects of live production, from the pre-planning stages to execution of the broadcast. Students will develop the ability to adapt to a variety of broadcast venues by applying critical thinking through logistical analysis. This course is designed as a “hands-on” experience in the fast-paced world of live broadcasting using state-of-the-art technology. Broadcasting venues may include the daily broadcast of channel 3’s “Wake UP WC!,” school concerts, breaking news reports, sporting events, and graduation. This class is designed as a stand-alone course or could be a companion course to iJournalism I & II.

- Special Note: This course is offered as a semester class, but students desiring to further develop their skills, may repeat the class for additional credit.

COLLEGE WRITING (CCP)*

1 period – 1 semester (Fall)

1 high school credit, 3 college credits

This course is weighted.

Not Eligible for Pass Option

Admission to CCP is based solely on the College/University’s admission requirements, WCHS has no authority to make a determination regarding admissibility.

INTRODUCTION TO LITERATURE (CCP)*

1 period – 1 semester (Spring)

1 high school credit, 3 college credits

This class will be weighted.

Not Eligible for Pass Option

Admission to CCP is based solely on the College/University’s admission requirements, WCHS has no authority to make a determination regarding admissibility.

**College Credit Plus Course – see CCP section of course catalog as CCP courses have strict application requirements and deadlines.*

MATHEMATICS

4 credits of Math are required for graduation

The following is the recommended sequence of math courses for college entrance:

WHEN ALGEBRA I IS TAKEN IN 9TH GRADE		
Year	Option 1	Option 2
9	Algebra I	Algebra I
10	Geometry	Geometry
11	Algebra II	Algebra II
12	Pre-Calculus & Trigonometry (Honors or CCP optional)	College Algebra & Stats

WHEN ALGEBRA I IS TAKEN IN 8TH GRADE		
Math Class Sequence Options		
Year	Option 1	Option 2
9	Geometry	Geometry
10	Algebra II	Algebra II
11	Honors Pre-Calculus/Trigonometry	Pre-Calculus/Trigonometry (Honors or CCP optional)
12	AP Calculus	College Algebra/Stats

WHEN MATH 1 IS TAKEN IN 9TH GRADE		
Year	Math Class Sequence	
9	Math 1	
10	Math 2	
11	Math 3	
12	College Algebra & Stats	

ALGEBRA I

1 period – 2 semesters, 1 credit

The emphasis in Algebra I is the structure of algebra, vocabulary, algebraic procedures and techniques, and the development of problem-solving skills and strategies. Areas of study include solving and graphing equations which are linear, quadratic, exponential and rational. Students will work with systems of equations, polynomials, properties of exponents, and data analysis.

- Pre-requisites: At least a C in Pre-Algebra.
- Special Note: This course is required for graduation by the state of Ohio.

GEOMETRY

1 period – 2 semesters, 1 credit

The emphasis of plane (Euclidean) geometry at WCHS is to assist the student in developing strong thinking skills. The course integrates standard, coordinate, and transformational approaches to the study of geometry, reinforces and extends knowledge of algebra, and carefully develops an understanding of proof.

- Pre-requisites: At least a C in Algebra I.

ALGEBRA II

1 period – 2 semesters, 1 credit

This is the traditional one-year track of Algebra II. Algebra II emphasizes facility with quadratic forms, powers, roots, and the functions based on these concepts. Students study exponential, logarithmic, polynomial, rational, and other types of functions as tools for modeling real-world situations. It will cover conic sections, data analysis and statistics, counting methods and probability, sequences and series, and trigonometric ratios and function.

- Pre-requisites: At least a C in Geometry.

INTEGRATED MATH 1

1 period – 2 semesters, 1 credit

This course is the first in a sequence of three courses. Integrated Math 1 is designed to combine some of the basic principles of Algebra, Geometry, and Statistics. Students will deepen and extend their understanding of linear relationships and be introduced to exponential functions, modeled through data. Students will learn the basics of Euclidean geometry, deductive reasoning and proof, parallel lines and learn to use properties and theorems involving congruent figures to expand and broaden understanding of geometric knowledge.

- Recommended for: This sequence is for students who need a slower, deeper approach to algebraic and geometric courses.
- Pre-requisites: Freshman status and Pre-Algebra or Math 8 credit; permission of instructor required.

INTEGRATED MATH 2

1 period – 2 semesters, 1 credit

Integrated Math 2 is the second course in a sequence of three courses and is designed to combine some of the intermediate principles of Algebra I, Geometry, Algebra 2 and Probability. Topics including function operations, transformations of functions, similarity, rational functions, and probability. They will also study triangles, area and volume and congruence, circles, trigonometric functions.

- Recommended for: This sequence is for students who need a slower, deeper approach to algebraic and geometric course.
- Pre-requisites: Integrated Math 1 and permission of instructor.

INTEGRATED MATH 3

1 period – 2 semesters, 1 credit

Integrated Math 3 completes the three-course sequence of Integrated Mathematics and is designed to further explore the principles introduced in Math 1 and Math 2. This course brings together knowledge acquired in the previous two courses and uses it as a bridge to expand into more complex territory. Students will experience mathematics as a coherent, useful, and logical subject that draws their ability to make sense of problem situations, and will develop the ability to explore and solve mathematical problems, think critically, and work cooperatively with other students and communicate mathematical ideas clearly.

- Pre-requisites: Integrated Math 2 and with permission of instructor.

HONORS PRE-CALCULUS AND TRIGONOMETRY

1 period – 2 semester

1 credit, This class is weighted

Pre-calculus at WCHS contains most of the material that a student would encounter in a college level pre-calculus course and is an excellent course to take in preparation for Calculus. Pre-calculus is a major step up from Algebra II in math concept and expectation. Students who approach Pre-calculus with the same level of intensity that they approached Algebra II may see a decrease in their grade. This course integrates statistical, algebraic, and trigonometric concepts through work with functions. Students are taught to display, describe, transform and interpret numerical information in tables, graphs or equations. Pre-calculus is an excellent course to take just prior to taking the ACT or SAT tests as most of the topics covered on those tests are dealt with in Pre-calculus Success lies in recognizing what concept is needed and then applying it correctly.

- Pre-requisites: At least a C in Algebra II.
- **Special Note: This course is required pre-requisite for students planning to take AP Calculus.**

AP CALCULUS

1 period – 2 semesters

1 credit, This class is weighted

AP Calculus contains most of the material that a college student would encounter in Calculus & Analytic Geometry I & II (Differential and Integral Calculus). This course is intended for students who have a thorough knowledge of college preparatory mathematics; including algebra, geometry, pre-calculus, and trigonometry. Topics include limits, differentiation with applications, calculus applications of exponential and logarithmic functions, and integration with applications. Students enrolled in this course are encouraged to be taking Physics simultaneously.

- Recommended for: Students who have a thorough knowledge of college preparatory mathematics; including algebra, geometry, pre-calculus, and trigonometry.
- Pre-requisites: At least a B in Honors Pre-Calculus and Trigonometry. CCP Pre-Calculus and Trigonometry does meet this pre-requisite.
- Special Note: Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester

MATHEMATICS

ELECTIVE COURSES

These are semester courses. A student can take one course, or a combination. A student would need to take two if they are using the electives to replace a regular year-long math course.

INTRODUCTION TO STATISTICS

1 period – 1 semester, ½ credit

Introduction to Statistics is an introductory course in basic statistical procedures. Statistics affects every area of life, including politics, medicine, business, and behavioral sciences. There is no limit to the uses for statistics. In this course students will learn statistical methods with the focus on both the suitability of the method and the meaning of the result. Most of the methods are developed in the context of applications. Throughout the course, critical thinking will be emphasized to lead to proper analysis and interpretation. Topics covered include organizing data, measures of central tendency, variation, normal distributions, sampling distributions, estimation, hypothesis testing, and correlation and regression. Most colleges require students to take a course in statistics.

- Recommended for: This course will provide a good foundation for stats at the college level. Students are encouraged to take this course even if they have already met their math graduation requirement.
- Pre-requisites: Algebra II and Junior or Senior status.

COLLEGE ALGEBRA

1 period – 1 semester, ½ credit

College Algebra (one semester) at WCHS contains most of the material that a college student would encounter in a college algebra course. This course is a continuation of the study of functions as introduced in Algebra II. Students will graph and analyze quadratic, higher degree polynomial, power, piecewise, rational, exponential, and logarithmic functions. The function concept is applied to solving related equations and inequalities and applications regarding these types of functions. Additional topics include complex numbers, matrices and determinants, counting and probability, sequences and series, and conic sections.

- Recommended for: This course is designed for those students who have completed Algebra II by their junior year and who want/need another math course their senior year, but do not want to take Pre-calculus or AP Calculus.
- Pre-requisites: Algebra II and Junior or Senior status.

PRE-CALCULUS (CCP)*

1 period – 1 semester

1 high school credit, 3 college credits

This course is weighted

Not Eligible for Pass Option

Special Note: CCP Pre-Calculus and Trigonometry does not adequately prepare students for AP Calculus. Students who plan to take AP Calculus must take Honors Pre-calculus & Trigonometry.

**College Credit Plus Course – see CCP section of course catalog as CCP courses have strict application requirements and deadlines.*

TRIGONOMETRY (CCP)*

1 period – 1 semester

1 high school credit, 3 college credits

This course is weighted

Not Eligible for Pass Option

Special Note: CCP Pre-Calculus and Trigonometry does not adequately prepare students for AP Calculus. Students who plan to take AP Calculus must take Honors Pre-calculus & Trigonometry.

**College Credit Plus Course – see CCP section of course catalog as CCP courses have strict application requirements and deadlines.*

PHYSICAL EDUCATION AND HEALTH, REQUIRED COURSES

Physical Education and Health are required for graduation

HEALTH – Boys or Girls

1 period – 1 semester, ½ credit

Health is a course designed to better equip students to live a life of physical, mental, emotional, and spiritual wellness. This course will promote a better understanding of how the human body functions, as well as teach the cause-and-effect relationship between lifestyle and health.

- Recommended for: Sophomores and any Junior or Senior who has not taken Health.

PHYSICAL EDUCATION

1 period – 2 semesters, ½ credit

This course is designed to help the student embrace the skills necessary to achieve health and fitness for a lifetime. A major emphasis will be placed on physical fitness, cooperative and leadership skills, team and individual sports, and cardiovascular activities. Lifetime wellness skills include the development of techniques and coordination of mind and body necessary for participation in recreation and sports activities such as fitness, team handball, flag football, soccer, badminton, and basketball.

Physical Education Waiver

In accordance with Ohio Law, SB311, the one-half unit of physical education credit requirement will be waived for any student who, during high school grades 9-12, has participated in WCHS interscholastic athletics, including cheerleading, for at least two full seasons. Students meeting this requirement will not be required to complete any physical education course as a condition to graduate. However, the student shall be required to complete one-half unit consisting of at least sixty hours of instruction, in another course of study. In other words, WCHS total number of credits required for graduation will not be lowered by one-half credit for any student who qualifies for this physical education waiver.

The Ohio Department makes provision for other means of fulfilling the PE requirement. Go to <http://education.ohio.gov>. In the search box, type: "Physical Education & Credit Flexibility." Only alternatives that can be properly documented are acceptable.

Worthington Christian High School will accept a summer school Physical Education .5 credit from the student's local school district upon receipt of an official transcript.

PHYSICAL EDUCATION AND HEALTH, ELECTIVE COURSES

Two semesters of PE electives will fulfill the ½ credit of Physical Education required for graduation

ADVANCED HEALTH – Girls

1 period – 1 semester, ½ credit

This class is designed for girls who have taken the required high school health course and would like to have a deeper understanding of the many topics that were covered. Additionally, this class is beneficial to girls who would like to go into a health-related field in the future and would like to advance their knowledge.

- Pre-requisites: Health
- Special Note: This is a Health elective and will not fulfill the PE requirement.

FITNESS AND NUTRITION

1 period – 1 semester, ½ credit

This a semester long course designed to focus on in-depth aspects of both fitness and nutrition. We will apply basic principles for physical activity and eating for optimal health to promote overall wellness. Students will be required to participate in regular fitness and nutrition labs throughout the semester.

WEIGHT TRAINING

1 period – 1 semester, ¼ credit

This is a co-ed course that will focus on weight room safety, lifting technique, and workout routines. Each student will develop a personal workout plan. Athletes participating in school sports will still be required to meet the requirements of the course.

LIFETIME SPORTS

1 period – 1 semester, ¼ credit

Lifetime Sports is a co-ed course that will focus on different sports in order to keep physical activity as an enjoyable part of life throughout the years to come. Some units that will be covered are tennis, softball, soccer, basketball, badminton, pickleball, volleyball, and floor hockey.

FIT FOR LIFE

1 period – 1 semester, ¼ credit

This class is designed for the student who wants to live a healthy life by learning skills to be fit. This will focus on anaerobic and aerobic fitness, including the cardiovascular, muscular, and flexibility aspects of fitness. It will feature a wide variety of different types of exercise. This is an active class where participation is a must.

SCIENCE

3 credits of Science are required for graduation

The following is the recommended sequence of science courses for college entrance:

CLASS OF 2021 & BELOW	
Grade	Course
9	IPS
10	Biology Honors Biology
11/12	Chemistry Honors Chemistry AP Chemistry Anatomy & Physiology Honors Anatomy & Physiology Infection & Immunity Zoology (see CCP section) Physics AP Physics AP Biology

CLASS OF 2022 & ABOVE	
Grade	Course
9	Biology
10	Chemistry Honors Chemistry
11/12	AP Chemistry Anatomy & Physiology Honors Anatomy & Physiology Honors Molecular & Cellular Biology Honors Infection & Immunity Physics AP Physics Biotechnology Zoology (see CCP section) AP Biology

BIOLOGY

1 period – 2 semesters, 1 credit

General Biology is a comprehensive study of life and its origins in light of God's Word. Many relevant topics will be covered in this college preparatory course such as the scientific method, cytology, genetics, biochemistry, bacteria and viruses, microscopy, plants, animals, and ecology. Lab work, including dissections, will relate to all the major phylum of life and major processes of life.

- Special Note: Required for class of 2022 and above.
-

GENERAL CHEMISTRY

1 period – 2 semesters, 1 credit

General Chemistry is a fascinating course that examines how chemistry affects our daily lives. Our study will focus on the following: materials, air, petroleum, water, industry and nuclear reactions. Our aim is to develop chemistry-literate and science-literate citizens by developing lab skills, and participating in decision making activities crucial to everyday living. Students will be expected to think critically and solve problems creatively.

- Pre-requisites: Biology, completed or concurrently enrolled in Algebra I.
- Special Note: Required for class of 2022 and above.

HONORS CHEMISTRY

1 period – 2 semesters

1 credit, This class is weighted

Honors Chemistry is designed to prepare students for college chemistry through an inquiry-based approach. Students will explore units focused on: materials, air, petroleum, water, industry and nuclear reactions. Our aim is to develop chemistry-literate and science-literate citizens by developing lab skills and participating in decision-making activities crucial to everyday living. Students will be expected to think critically and solve problems creatively. There will be an emphasis on developing science communication skills which include formal lab reports and a variety of projects.

- Recommended for: This course is highly recommended for any student interested in sciences, engineering, or the medical field. Any student planning to take AP Chemistry.
- Pre-requisites: At least a B average in Biology and at least a B average in previous math courses. Completed or concurrently enrolled in Geometry. If student does not meet these requirements, instructor permission is required to enroll.

UPPER LEVEL SCIENCE COURSES

ANATOMY AND PHYSIOLOGY

1 period – 2 semesters, 1 credit

Anatomy and Physiology is a college prep course designed to introduce the student to the systems of the human body. The integumentary, skeletal, endocrine, circulatory, digestive, muscular, nervous, lymphatic, respiratory, urinary, and reproductive systems will be studied. Laboratory work will include respiratory, pulse and blood pressure readings, along with a detailed dissection of a fetal pig, cat, sheep heart, and calf brain. Recommended for any student pursuing a degree in a health field.

- Pre-requisites: Biology

HONORS ANATOMY AND PHYSIOLOGY

1 period – 2 semesters

1 credit, This class is weighted

Honors Anatomy and Physiology is designed for the student who is interested in pursuing a science or medical major in college. The course will be taught at a greater depth and move at a greater pace than will the regular Anatomy and Physiology class. The human integumentary, skeletal, endocrine, circulatory, digestive, muscular, nervous, lymphatic, urinary, respiratory, and reproductive systems will be studied. Laboratory work will include respiratory, pulse and blood pressure readings, along with a detailed dissection of a fetal pig, cat, sheep heart, and calf brain. This course also includes a cadaver lab experience and a tour of the Wexner Medical Center. Any student pursuing a degree in a health field, including but not limited to medicine, nursing, physician assistance, physical therapy, athletic training, and veterinary medicine.

- Pre-requisites: At least a B+ in Honors Biology or an A in Biology. Priority will be given to those students who have completed Chemistry.

AP CHEMISTRY

1 period – 2 semesters

1 credit, This class is weighted

AP Chemistry provides willing and academically prepared students with the opportunity to tackle content equivalent to the general chemistry course taken during the first college year. This course concludes with the completion of the AP Chemistry exam. The AP Chemistry course focuses on constructing enduring, conceptual understandings of chemical concepts. This knowledge is obtained through laboratory experiences that enable the student to develop advanced inquiry and reasoning skills. This course is structured around the six big ideas and seven science practices identified in the AP Curriculum Framework.

- Pre-requisites: At least a B+ average in both Biology and Honors Chemistry. If student does not meet these requirements, instructor permission is required to enroll.

AP BIOLOGY

1 period – 2 semesters

1 credit, This class is weighted

AP Biology provides willing and academically prepared students with the opportunity to tackle content equivalent to the general biology course taken during the first college year. This course concludes with the completion of the AP Biology exam. The AP Biology course focuses on constructing enduring, conceptual understandings of biological concepts. This knowledge is obtained through laboratory experiences that enable the student to develop advanced inquiry and reasoning skills. This course is structured around the four big ideas and seven science practices identified in the AP Curriculum Framework.

- Pre-requisites: At least a B+ average in both Biology and Honors Chemistry. If student does not meet these requirements, instructor permission is required to enroll.
- Special Note: Not being offered in the 2020-2021 school year.

GENERAL PHYSICS

1 period – 2 semesters, 1 credit

Physics is an exploratory course that examines how motion and energy interact to produce the activity of our world. An inquiry-based, hands-on approach will be utilized, and students will perform a number of laboratory experiments. Students will study motion, forces, energy, momentum, rotation, waves, sound, light, and electricity. Heavy emphasis is placed on developing a deep conceptual understanding of fundamental physics concepts.

- Recommended for: This course is for the college-bound student who is not planning on majoring in a science, engineering, or medical field.
- Pre-requisites: Completed or concurrently enrolled in Chemistry, Algebra II or Math 3.

BIOTECHNOLOGY

1 period - 1 semester, ½ credit

This class is laboratory based. Activities are designed to progressively develop the laboratory skills and technical understanding necessary to perform an independent research project at the conclusion of class. Biotechnology will familiarize students with the many careers available in the BioTech industry including, biological research, health care, agriculture, and manufacturing.

- Pre-requisites: Biology and Chemistry; open to Juniors and Seniors only.

ADVANCED PLACEMENT PHYSICS

1 period – 2 semesters

1 credit, This class is weighted

AP Physics is equivalent to the 1st semester of an algebra-based college physics course. Heavy emphasis is placed on developing a deep conceptual understanding of fundamental physics concepts. Students will study motion, vectors, forces, energy, momentum, rotation, waves, sound, and electricity. An inquiry-based, hands-on approach will be utilized, and students will perform a number of laboratory experiments. Students taking AP Physics must be self-motivated and have a strong work ethic. A strong math background is required and although Calculus is not required, any student enrolled in Calculus should strongly consider enrolling in AP physics as well, as the two courses complement each other.

- Recommended for: This course is recommended for any student who plans on majoring in a science, engineering, or medical field.
- Pre-requisites: At least a B average in Chemistry. At least a B average in previous math courses. Must have completed or be currently enrolled in Pre-calculus. If student does not meet these requirements, instructor permission is required to enroll.
- Special Note: Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the family FACTS account. The fee will be posted to the account in the fall, but families will be given until March 1st to pay these charges.

HONORS MOLECULAR AND CELLULAR BIOLOGY

1 period – 1 semester (*offered Fall semester*)

½ credit, This class is weighted

Molecular and Cellular Biology provides an accessible introduction to the central concepts of cell biology. This is a first course in both cell and molecular biology. This course is clear and engaging for the introductory student. Molecular detail has been kept to a minimum in order to provide a cohesive conceptual framework for the basic science that underlies our current understanding of all of biology, including the biomedical sciences.

- Pre-requisites: Biology is required. Must be currently enrolled in Chemistry or previously taken Chemistry. *Not being offered in the 2020-2021 school year.*

HONORS INFECTION & IMMUNITY

1 period – 1 semester (*offered Spring semester*)

½ credit, This class is weighted

This course will facilitate an examination of the fundamentals of Immunity. Students will explore innate vs. specific immunity, antibodies, membrane receptors for antigens, immune response, and mechanisms for turning off the immune response. Students really get to have fun examining different pathogens, such as, bacteria, viruses and fascinating parasites (Loa Loa, Onchocerciasis, Malaria, Trypanosoma Cruzi). Students will utilize histological slides for labs and discussion. Further use of western blot technique for immunocytochemistry analysis of antigen - antibody recognition. This course continues the development of critical analytical thinking and lab skill development.

- Pre-requisites: Chemistry is required.
- Special Note: A research paper exploring a favorite topic and class presentation will be required. *Not being offered in the 2020-2021 school year.*

SOCIAL STUDIES, REQUIRED COURSES

Three credits of Social Studies are required for graduation. This includes half credit courses for World History, US History, Government and Economics. The remaining credit may be from any combination of elective courses in the discipline.

GOVERNMENT – First Semester

1 period – 1 semester, ½ credit

This senior requirement is geared toward developing a critical Christian worldview. Its goal is to teach higher thinking skills and provide a basis for the believer's future as a student, professional, citizen, and parent. The topics of the course will be the five foundations of government and an introduction to various forms of civil government with an intense focus on American civil government. The student will also become familiar with the role of the government as it intervenes in a market system and the effect global economics will have on individuals, industries, and the government.

- Special Note: Government and Economics are required for all seniors and fulfills the Ohio State requirement for 1 Unit of Economics and Financial Literacy.

ECONOMICS – Second Semester

1 period – 1 semester, ½ credit

Economics is geared toward educating the believer in the realm of economics. The goal is to teach the Christian the basic idea of frugality - that is, the saving or conservation of scarce resources in relation to God's world. The topics of the course will include introduction to economic principles and concepts, the Bible and economics, personal budget, and the elements of microeconomics and macroeconomics.

- Special Note: Government and Economics are required for all seniors and fulfills the Ohio State requirement for 1 Unit of Economics and Financial Literacy.

WORLD HISTORY

A ½ credit of World History is required for graduation.

ANCIENT WESTERN CIVILIZATION

1 period – 1 semester, ½ credit

Ancient Western Civilization will be a survey course tracing the development of Western Culture and civilization from pre-historical era of the Fertile Crescent to the growth of the Arabic Empires; and the interaction of pre-modern Europe with North Africa and Central Asia. Special attention will be paid to the cultures and civilizations of Sumeria, Egypt, Persia and Assyria, Greece, Rome, Byzantium and the Islamic Dynasties. Themes will include: the impact of geography on culture, the impact of religious belief and philosophy on history, the interaction between societies leading to technological advancement, and the impact of ancient and pre-modern world on the trajectory of modern society. When coming to the close of each society and culture we will take a brief look at the current socio-economic status of that area of the world.

- Special Note: This course is recommended for Freshmen.

MODERN EUROPEAN HISTORY: COLONIZATION AND EMPIRE

1 period – 1 semester, ½ credit

Modern European History will begin with the early signs of development of the modern nation state found in the High Middle Ages. With the roots of nation and state firmly under foot we will move into the era of Renaissance, Reformation, and Exploration. As modern nation state spills over into modern empire we will study colonization around the globe along with the clash of empires wherever they are competing over resources and prestige. With the Enlightenment Era as our backdrop we will see a revolutionary shift in form and function for governments all over the world. Competition in the corners of the world will come to roost in Europe with the onset of the Modern Era. Modern ideologies will lead us toward watershed moments in history and the coming of the First and Second World War. Themes for this course will include: the role of the government, competing ideologies of economy, the relationship between the ivory tower of the academy and the street level thinking of the masses, and an onrush of globalization that will impact cultures the world over.

- Special Note: This course will function as a pre-requisite for students planning to take AP US History. This course is recommended for Freshmen.

ANCIENT WORLD HISTORY

1 period – 1 semester, ½ credit

As opposed to Ancient Western Civilization the focus of this course will be the continents of Asia, Africa, and South America. The course will focus its attention on each of these continents and cultures in succession, telling the story from the culture's foundation until the merging of that continent to Europe. Themes for this course will include: the impact of geography on culture, the impact of religious beliefs and philosophy on history, the interaction between societies leading to the spread and advancement of technology, and the impact of the ancient and pre-modern world on the trajectory of modern society.

- Special Note: This course is recommended for Freshmen.

US HISTORY

A ½ credit of US History is required for graduation

US HISTORY: REVOLUTION TO RECONSTRUCTION (1754-1877)

1 period – 1 semester, ½ credit

This course examines the emergence of the United States from the Revolutionary Era through Reconstruction. It begins with the first stirrings of unity among the colonies during the 7 Years War then follows that sentiment as the colonists throw off British rule and birth a new nation. The class investigates the struggles of the new American nation to find a national identity and to protect the rights of its citizens – moving from fractious peace to Civil War and then to uneasy Reconstruction.

- Special Note: This course is recommended for Sophomores, Juniors, & Seniors.

US HISTORY: GILDED AGE TO WORLD WAR II (1878-1945)

1 period – 1 semester, ½ credit

This course leads students on an in-depth tour of the American rise to dominance on the world stage. It begins with the emergence of industrialization, imperialism in the American psyche, and the morality of the spirit of expansion and opulence that pervades the period. The class then tracks American efforts to navigate the increasingly splintered global political landscape that ultimately devolves into World War I. The ensuing boom and bust of the Roaring Twenties followed by the Great Depression add another chapter to the American story – one that will allow us to examine the motivations of American citizens in both civil service and crime. The American policy of isolationism and eventual entry into World War II rounds out the curriculum as students witness the gravitas in the lives of the Greatest Generation.

- Special Note: This course is recommended for Sophomores, Juniors, & Seniors.

US HISTORY: COLD WAR TO COUNTER-TERRORISM (1946-2011)

1 period – 1 semester, ½ credit

This course follows the history of America from the end of WWII through the War on Terrorism. The course begins as the US sweeps onto the international stage as one of the two global superpowers at the dawn of the nuclear age. The resulting struggle for power and influence between the US and the Soviet Union define the next 40 years of history. The course will examine the slew of proxy wars between the two nations as they sponsor groups in Korea, Vietnam, Afghanistan and other locales. The course will also explore the struggles of the US within its own borders as minorities and women fight for equal rights. After the fall of Communism, this class tracks the origins of the terrorist movement against the United States up to September 11, 2001 and beyond.

- Special Note: This course is recommended for Sophomores, Juniors, & Seniors.

SOCIAL STUDIES

ELECTIVE COURSES

GLOBAL GEOGRAPHY

1 period – 1 semester, ½ credit

This course is an overview of the various cultural, political, economic and physical regions of the world. The study will also include the influence of shifting demographic and socio-political trends upon various regions of the world, as well as the impact of global missions upon societies today.

- Special Note: This course credit will count towards the 3 Social Studies credits needed for graduation.

AMERICAN CULTURE

1 period – 1 semester, ½ credit

This course discusses various influences that have shaped American culture today and the current culture's ethics and value system. The depth of these influences, their positive and negative aspects, and the Christian response to such cultural developments will be analyzed. The reading done in this class is non-fiction and extensive. Students will write reflective journals and argumentative papers on each of the topics discussed in class.

- Special Note: This course credit will count towards the 3 Social Studies credits needed for graduation.

ADVANCED PLACEMENT UNITED STATES HISTORY

1 period – 2 semesters

1 credit, This class is weighted

Not Eligible for Pass Option

AP United States History gives students the opportunity to study college-level United States history and is designed to encourage students to think conceptually about the American past. Going beyond names, dates, and places, students will be asked to think critically about the causes and effects of History. The class will make use of primary resources as it surveys United States History from its beginning phases through the end of the Cold War. An in-depth study of the timeline of the United States will expose History students to changes in this nation's culture, economy, and foreign policy. Students will develop their skill set of writing, research, synthesis, discussion, debate, and presentation. Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the family FACTS account.

- Pre-requisites: At least a B+ earned in Modern European History along with instructor permission. Open to Sophomores, Juniors and Seniors.

WORLD LANGUAGES

FRENCH

FRENCH I

1 period – 2 semesters, 1 credit

Unit topics from French I include greeting and meeting people, communicating in a French café, talking about family and friends, and leisure activities. Listening, speaking, reading, and writing are integrated in this course through a variety of classroom activities.

FRENCH II

1 period – 2 semesters, 1 credit

Level II will expand listening, speaking, reading, and writing skills. Units will emphasize proficiency development built on practical vocabulary. Topics include daily routines, making plans, health and fitness, and describing experiences in the past.

- Pre-requisite: At least a C in French I

FRENCH III

1 period – 2 semesters, 1 credit

Unit themes in French III expand practical communication relating to travel, culture, everyday life, and faith. Students will further develop grammar and vocabulary skills, enriching their ability to use French in speaking, listening, reading, and writing.

- Pre-requisite: At least a C+ in French II

FRENCH IV

1 period – 2 semesters, 1 credit

French IV reviews and solidifies basic concepts and explores a variety of topics which include world issues, (poverty, pollution, world health), leisure, (travel, cinema, sports), and the arts. Writing and reading skills are expanded. Students will read *Le Petit Prince* and an abridged version of *Les Misérables*.

- Pre-requisite: At least a C+ in French III

SPANISH

SPANISH 1

1 period – 2 semesters, 1 credit

Spanish level I is an entry level, proficiency-forward language course. Spanish I students will use interpretive (Reading and Listening), presentational (Speaking and Writing), and interpersonal skills in the classroom both for practice and assessment.

- Outcomes: By year-end, a Spanish I student would be expected to communicate at the novice-mid level according to the national ACTFL (American Council of the Teaching of Foreign Language) standards. As a Novice-Mid level communicator, she or he will be able to recognize and combine words and communicate meaningful ideas in Spanish with simple phrases and expressions.

SPANISH 2

1 period – 2 semesters, 1 credit

In Spanish II, the course will implement the Ohio Department of Education (ODE) new World Language program based on Proficiency in the State of Ohio. The model is based on standards of ACTFL (American Council of the Teaching of Foreign Language). Students will be prepared in four basic skills - Reading, Writing, Speaking, and Listening in the Spanish language. These skills are essential to build pre-AP language skills.

- Outcomes: At the end of Spanish II, the student will be expected to be at the novice-high level.
- Pre-requisites: At least a C average in Spanish I

SPANISH 3

1 period – 2 semesters, 1 credit

Spanish III will implement the Ohio Department of Education (ODE) new World Languages program for the State of Ohio based on Proficiency. The model is based on standards of ACTFL (American Council of the Teaching of Foreign Language). The student will be prepared in four basic skills - Reading, Writing, Speaking and Listening in the Spanish language. These skills are essential to build pre-AP language skills.

- Outcomes: The student at the end of Spanish III will be expected to be at the intermediate-low level.
- Pre-requisites: At least a B in Spanish II

SPANISH 4

1 period – 2 semesters, 1 credit

Spanish level IV is a proficiency-forward language course for upper classmen. In Spanish IV, as Intermediate-Mid level communicators, students will use interpretive (Reading and Listening), presentational (Speaking and Writing), and interpersonal skills both for practice and assessment.

- Pre-requisites: At least a B in Spanish 3

ADVANCED PLACEMENT SPANISH V

1 period – 2 semesters

1 credit, This class is weighted

This course will work to prepare students for the AP exam in Spanish Language. The course aims specifically at preparing the student for the national Advanced Placement Spanish Language and Culture Examination, focusing on six themes: Beauty and Aesthetics, Families and Communities, Global Challenges, Science and Technology, Contemporary Life, and Personal/Public Identities.

Students will listen to recordings from other countries through international radio and television, and they will go to the community and experience the language. The students will continue developing their Language Portfolio as presented by the Lingua Folio.

- Recommended for: AP Spanish is intended for serious, advanced students reaching the intermediate-high level and possibly advanced-low level of proficiency according to the national ACTFL (American Council of the Teaching of Foreign Language) standards.
- Pre-requisites: This class is available with permission from Spanish instructors.
- Special Note: Students enrolled in any Advanced Placement course will be required to take the AP exam at the end of the semester. The cost of each exam is \$99 and will be charged through the family FACTS account.

BIBLICAL HEBREW

BIBLICAL HEBREW I

1 period – 2 semesters, 1 credit

In this course, we will examine the elemental features of Biblical Hebrew – the language in which the Old Testament was penned. In particular, we will examine the Biblical Hebrew nominal system, the basics of the verbal system, and rudimentary syntax. Students will acquire basic proficiency in reading Biblical Hebrew by the end of this course.

BIBLICAL HEBREW II

1 period – 2 semesters, 1 credit

In this course, we will build on the foundation laid in Biblical Hebrew I. We will study the specifics of the Biblical Hebrew nominal system, the verbal system, and the Biblical Hebrew syntax. Students will acquire intermediate proficiency in reading Biblical Hebrew by the end of this course.

- Pre-requisite: Hebrew I
- *Special Note: Not offered in 2020-2021 school year.*

MISCELLANEOUS ELECTIVE COURSES

STUDENT ASSISTANT

1 period – 1 semester, ¼ credit

Opportunities exist for student to assist classroom, physical education, and school office personnel on a semester basis. Permission must be granted prior to student changing their schedule. Students are to report to the designated teacher during the period.

- Special Note: This is a pass or fail course.

SUCCESS SKILLS

1 period – 1 semester, ¼ credit

Success Skills is an exploratory course and a leadership class all rolled into one. Students use inquiry-based exploration to research various aspects of student life at Worthington Christian and develop resources aimed to help all students succeed in a fast-paced college-prep environment. Students will have the opportunity to develop excellent communication, researching, note taking and even leadership skills all while producing their final projects. Projects may include printed pamphlets or video tutorials that will benefit students at WC. At the completion of this course, students will have a much better understanding of who they are as learners and how to maximize their learning potential. This course is flexible and accommodates the students' individual needs and schedule.

- Special Note: This is a pass or fail course.

TEACHER SHADOWING

3 periods, 1 credit

This is an opportunity open to senior students who are interested in teaching as a career. Students will be assigned to classes in preschool through fifth grade in our Worthington Christian school district. This course can be taken in one or both semesters. WCS requires that students have five periods of classes before leaving for their assignment. The time frame for shadowing will be 7th, 8th, and 9th periods. Administrative approval will be given based on the student's GPA, course selection, and conduct. Students will list three options for grade level and teacher they wish to shadow with final assignments confirmed by the administration.

- Recommended for: Teacher shadow is available to seniors only
- Special Note: This is a pass or fail course.

VOCATIONAL PROGRAM

3 credits

The vocational program is an option for students who want to pursue a program at one of the four Columbus Career Centers: Northwest; Northeast; Southeast; Ft. Hayes; and Delaware. Most of the career center programs offer two-year programs. This program is usually started during the student's junior year. Juniors attend the career center in the morning, coming to WCHS in the afternoon. Seniors do the reverse – they attend WCHS in the morning, going to the career center in the afternoon. Most seniors are on job placement during their second semester. Many of the vocational programs offer advanced credit at Columbus State Community College. Students must decide the last semester of their sophomore year if they wish to pursue vocational programs. Upon completing the vocational program, students have the option of going to college, a technical school, or into the workforce. If pursuing this option, the requirements for graduation are the same as regular high school schedule, which will include one credit of Bible for each year of attendance at WCHS. Course sequences and credits may vary based on individual student assessment. Students in this program will still pay full WCHS tuition. Students completing this program will receive a WCHS diploma and participate in WCHS commencement ceremonies.

- Recommended for: Junior and Senior students only; a two-year commitment is required.
- Special Note: A CONFERENCE WITH THE GUIDANCE COUNSELOR IS REQUIRED FOR BOTH PARENT AND STUDENT WHEN CONSIDERING THIS OPTION.

COLLEGE CREDIT PLUS

College Credit Plus (CCP) is a program that can be utilized by students in grades 7-12 in the State of Ohio. Please make an appointment with College Counselor, Tim Kraynak, if your student has an interest in taking advantage of this program. Admission to CCP is based solely on the College/University's admission requirements, WCHS has no authority to make a determination regarding admissibility. Students and parents are given a guide to the CCP process and are fully responsible for the enrollment and meeting all deadlines. CCP should not be entered into lightly. Parents and students must understand that failure of a CCP course will result in the student being liable for tuition costs associated with the failed course(s). All CCP grades will become a part of the students Worthington Christian High School transcript, and the WCHS "Pass Option" may NOT be applied. The teacher of a CCP course **may not** communicate with parents about student progress or student grades unless a release has been signed and is on file with the registrar of the university providing the course. Progress and grade reports will only be given to the student.

The following courses will be offered at Worthington Christian High School (WCHS) and upon completion of this course, will be granted college credit from Mount Vernon Nazarene University (MVNU). The student will receive 1 credit from WCHS on their transcript, and the appropriate number of college credits assigned by the University.

LANGUAGE ARTS

COLLEGE WRITING

1 period – 1 semester
1 high school credit, 3 college credits
This class is weighted

Admission to CCP is based solely on the College/University's admission requirements, WCHS has no authority to make a determination regarding admissibility

INTRODUCTION TO LITERATURE

1 period – 1 semester
1 high school credit, 3 college credits
This class will be weighted.

Admission to CCP is based solely on the College/University's admission requirements, WCHS has no authority to make a determination regarding admissibility.

MATHEMATICS

PRE-CALCULUS

1 period – 1 semester

1 credit, This class is weighted

Admission to CCP is based solely on the College/University's admission requirements, WCHS has no authority to make a determination regarding admissibility.

- Special Note: Honors Precalculus and Trigonometry is the pre-requisite for AP Calculus, students taking CCP may not take AP Calculus.

TRIGONOMETRY

1 period – 1 semester

1 high school credit, 3 college credits

This class is weighted

Admission to CCP is based solely on the College/University's admission requirements, WCHS has no authority to make a determination regarding admissibility.

- Special Note: Honors Precalculus and Trigonometry is the pre-requisite for AP Calculus, students taking CCP may not take AP Calculus.

SCIENCE

ZOOLOGY

1 period – 1 semester

1 high school credit, 4 college credits

This class is weighted

A survey of the animal kingdom, its taxonomy, morphology, and physiological processes at the cellular level through the organismic level, and their relationship to the environment. A laboratory includes observation, experimentation, and dissection of invertebrates and vertebrates. Admission to CCP is based solely on the College/University's admission requirements, WCHS has no authority to make a determination regarding admissibility.

- **Special Note:** This course is not being offered in the 2020-2021 school year.

GRADUATION REQUIREMENTS

25 credits are required for graduation from Worthington Christian High School

Students must have earned 25 high school credits as determined by the Worthington Christian School Board and outlined below to be eligible for graduation from WCHS. Students must have also have passed any proficiency tests required by Ohio law.

Grades 9 – 12 Credit Requirements

Bible	4 Credits*	One per year of attendance.
English	4 Credits✧	One per year
Math	4 Credits✧	Algebra 1, Geometry, Algebra 2, or Math I, II, & III – plus one additional Math Course
Science	3 Credits✧	Including at least two lab sciences
Social Studies	3 Credits✧	Including .5 credits each of World History, US History, Government and Economics
PE	0.5 Credit✧	See “Physical Education Waiver”
Health	0.5 Credit✧	
Fine Arts	1 Credit✧	This credit can be counted as one of the required 4.5 elective credits
Electives	5 Credits✧	Including World Language, Business, Tech, etc.

*Requirements unique to WCHS

✧Requirements common to other Ohio high schools and set by the Ohio Department of Education

Physical Education Waiver

Students may substitute two seasons of any school-sanctioned sport for PE classes, provided the student is not cut, removed from the team, or quits the team before the end of the season. The required ½ credit of PE must be fulfilled either by taking PE classes OR by playing two seasons of sanctioned sports. One season of sports and ¼ credit of PE is not acceptable, according to Ohio Department of Education rules.

The Ohio Department makes provision for other means of fulfilling the PE requirement. Go to <http://education.ohio.gov>. In the search box, type: “Physical Education & Credit Flexibility.” Only alternatives that can be properly documented are acceptable.

FRESHMAN SCHEDULING WORKSHEET

Instructions: Use this worksheet as a tool for determining next year's course selection. FACT SIS, on the student or parent portal, is where course requests need to be completed.

1. STEP ONE – Register for REQUIRED courses

Subject	Course Title	Periods	Duration	Total Periods	Credit
Christian Studies	<i>Bible 9 Biblical Background</i>	1 period per semester	2 semesters	2	1 credit
Language Arts	<i>English 9</i>	1 period per semester	2 semesters	2	1 credit
Mathematics	<i>(Select the appropriate Math course)</i>	1 period per semester	2 semesters	2	1 credit
Science	<i>Biology</i>	1 period per semester	2 semesters	2	1 credit
Physical Education or PE Electives	<i>PE or Electives (unless utilizing the PE Waiver option)</i>	1 period per semester	2 semesters	2	½ credit
Social Studies	<i>World History Course or Elective</i>	1 period per semester	1 semesters	1	½ credit

2. STEP TWO – Register for ADDITIONAL Courses. A full schedule will include 8 periods per semester, and 16 TOTAL PERIODS for the academic year.

Subject	Course Title	Periods	Duration	Total Periods	Credit
Ex. World Language	<i>Spanish, French or Hebrew</i>	1 period per semester	2 semesters	2	1 credit
Health	<i>Boys/Girls</i>	1 period per semester			
		1 period per semester			
		1 period per semester			
	<i>Study Hall</i>	1 period first semester	1 semester	1	
	<i>Study Hall</i>	1 period second semester	1 semester	1	

SOPHOMORE SCHEDULING WORKSHEET

Instructions: Use this worksheet as a tool for determining next year's course selection. FACT SIS, on the student or parent portal, is where course requests need to be completed.

1. STEP ONE – Register for REQUIRED Courses

Subject	Course Title	Periods	Duration	Total Periods	Credit
Christian Studies	<i>Bible 10</i>	1 period per semester	2 semesters	2	1 credit
Language Arts	<i>English 10</i>	1 period per semester	2 semesters	2	1 credit
Mathematics	<i>(Select the appropriate Math Course)</i>	1 period per semester	2 semesters	2	1 credit
Health	<i>Boys or Girls</i>	1 period per semester	1 semester	1	½ credit
Science	<i>Chemistry - or - Honors Chemistry</i>	1 period per semester	2 semesters	2	1 credit
Social Studies	<i>World History, US History, History Elective - or - AP US History (check pre-requisite)</i>	1 period per semester	1 semester	1	½ credit
			2 semesters	2	1 credit

2. STEP TWO – Register for ADDITIONAL Courses. A full schedule will include 8 periods per semester, and 16 TOTAL PERIODS for the academic year.

Subject	Course Title	Periods	Duration	Total Periods	Credit
Ex. World Language	<i>Spanish, French, Hebrew</i>	1 period per semester			
		1 period per semester			
		1 period per semester			
	<i>Study Hall</i>	1 period first semester			
	<i>Study Hall</i>	1 period second semester			

JUNIOR SCHEDULING WORKSHEET

Instructions: Use this worksheet as a tool for determining next year's course selection. FACT SIS, on the student or parent portal, is where course requests need to be completed.

1. STEP ONE – Register for REQUIRED Courses

Subject	Course Title	Periods	Duration	Total Periods	Credit
Christian Studies	<i>Bible 11</i>	1 period per semester	2 semesters	2	1 credit
Language Arts	<i>English 11</i> – or – <i>AP English 11</i>	1 period per semester	2 semesters	2	1 credit
Mathematics	<i>(Select the appropriate Math Course)</i>	1 period per semester	2 semesters	2	1 credit
Science	<i>(Select the appropriate Science Course)</i>	1 period per semester	2 semesters	2	1 credit
Social Studies	<i>World History, US History, History Elective</i> – or – <i>AP US History</i> <i>(check pre-requisite)</i>	1 period per semester	1 semesters	1	½ credit
			2 semesters	2	1 credit

2. STEP TWO – Register for ADDITIONAL Courses. A full schedule will include 8 periods per semester, and 16 TOTAL PERIODS for the academic year.

Subject	Course Title	Periods	Duration	Total Periods	Credit
		1 period per semester			
		1 period per semester			
		1 period per semester			
	Study Hall	1 period first semester			
	Study Hall	1 period second semester			

SENIOR SCHEDULING WORKSHEET

Instructions: Use this worksheet as a tool for determining next year's course selection. FACT SIS, on the student or parent portal, is where course requests need to be completed.

1. STEP ONE – Register for REQUIRED Courses

Subject	Course Title	Periods	Duration	Total Periods	Credit
Christian Studies	<i>Bible 12</i>	1 period per semester	2 semesters	2	1 credit
Social Studies	<i>Government</i>	1 period per semester	1 semester (first semester)	1	½ credit
Social Studies	<i>Economics</i>	1 period per semester	1 semester (second semester)	1	½ credit
Language Arts	<i>English 12</i> – or – <i>AP English 12</i>	1 period per semester	2 semesters	2	1 credit
Mathematics	<i>(If Math credit is still needed)</i>	1 period per semester	2 semesters	2	1 credit

2. STEP TWO – Register for ADDITIONAL Courses. A full schedule will include 8 periods per semester, and 16 TOTAL PERIODS for the academic year.

Subject	Course Title	Periods	Duration	Total Periods	Credit
		1 period per semester			
		1 period per semester			
	Study Hall	1 period first semester			
	Study Hall	1 period second semester			

Special situations: Internship Academy; Teacher Shadowing; College Credit Plus; Early Release