

# High School Course Catalog

2023/2024



**DAYTON  
CHRISTIAN**  
SCHOOL

9391 Washington Church Rd  
Miamisburg, Ohio 45342  
937-291-7201

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## Important Contact Information

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Dayton Christian High School  
9391 Washington Church Rd  
Miamisburg, Ohio 45342



# Scheduling

## Steps to Schedule

### Step 1

**Review graduation requirements:** Refer to the graduation checklist on page 29.

### Step 2

**Review Course Catalog for offerings, prerequisites and course descriptions:** Pay special attention to prerequisites to avoid requesting a class the student is currently ineligible to take.

### Step 3

**Review transcript:** Unofficial transcript can be found online in DC Connect and should be reviewed for accuracy as well as for courses, grades, and credits previously taken.

### Step 4

**Complete a Graduation Checklist:** Using the unofficial transcript complete a Graduation Checklist. This can be found on page 29 or in DC Connect under Groups>Dayton Christian High School>Topics>DCHS Scheduling.

### Step 5

**Turn in paperwork:** Return transcript, graduation checklist and course request form to the guidance office.

## Graduation Requirements

A student requires a minimum of 25.5 credits to graduate from Dayton Christian High School. This includes the Ohio's required credits and Dayton Christian's additional Bible, Speech, Social Studies and Fine Arts credits.

Students may pursue either a Standard or an Honors diploma. Please see page 4 for more information.

## Schedule Changes

During the first 5 school days of a semester a student may request a change (drop & add) in his/her schedule. There is a \$5.00 fee charged for changes made to each student's schedule, and a parent signature is required.

After the first 5 days and through the 5th week of the course, a student may drop a course for a withdrawal fail (WF) or withdrawal passing (WP) designation on the transcript. Students and parents will need to sign and complete a Student Course Withdrawal Agreement. The designation will depend on the student's current grade average in the course.

If a student withdraws from a course after the 5th week, the student will receive a withdrawal fail (WF) on the transcript regardless of the student's grade average.

During the final four weeks of any semester, a course may not be dropped for a withdrawal fail (WF). The grade at the completion of the term will be the grade that is reflected on the transcript.

Withdrawal passing (WP) and withdrawal failing (WF) designations are not included in the student GPA or class rank calculations, but they will appear on the student's transcript.

Yearlong courses are expected to be completed (both semesters) even though credit is granted on a semester basis.

## Academic Honor Calculations

Dayton Christian High School courses are used exclusively to calculate the student's final class rank and grade point average (GPA).

More rigorous high school courses are designated as "Honors" or "Advanced Placement" (AP) courses. Students taking these classes will receive credit on a 4.5 scale (Honors) or a 5.0 scale (AP) for grades of 'C-' or above. AP courses require a fee for AP testing (\$95).

## Eligibility – Athletics and Fine Arts

Students must be enrolled and passing at least five academic classes in the quarter preceding their season of participation with an overall "C" average (2.0) in that quarter to be eligible for interscholastic sports and fine arts participation.

Please see the NCAA Eligibility Center requirements for students interested in Division I and II athletics ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)).

## Incomplete Work

Students who receive an incomplete grade at the end of a term will have 2 weeks to submit any missing work. Missing work after that time will be recorded as "0's" and the grade will be calculated. According to OHSAA guidelines incompletes are calculated as an "F" regarding eligibility.

## Early Withdrawal from DCHS

If a student withdraws from DCHS during the school year and/or if a student withdraws prior to the end of a grading period, DCHS will release current academic progress to the school of transfer, but academic credit cannot be granted for courses not completed.

# Diploma Tracks

	<b>Standard</b>	<b>Honors</b>
<b>English Language Arts</b> (Including 0.5 credit Speech)	4.5 Credits	4.5 Credits
<b>Math</b> (Must include Alg. 2 or higher)	4 Credits	4 Credits
<b>Science</b>	3 Credits	4 Credits
<b>Social Studies</b>	3.5 Credits	4 Credits
<b>Physical Education</b>	0.5 Credit	0.5 Credit
<b>Health</b>	0.5 Credit	0.5 Credit
<b>Fine Arts</b>	1 Credit	1 Credit
<b>Bible</b>	4 Credits	4 Credits
<b>Electives</b>	5 Credits	5 Credits
<b>World Language</b>	Not Required	3 Credits of 1 Language OR 2 Credits of 2 Languages
<b>Community Service</b>	Fr=20/So=30/Jr=30/Sr=30	Fr=20/So=30/Jr=30/Sr=30
<b>GPA Requirements</b>	2	3.5 or 4.0 Scale
<b>Qualifying ACT/SAT Scores</b>		ACT 27 or higher OR SAT 1280 or higher

# Bible Department

## **Old Testament – 9<sup>th</sup> Grade (0.5 Credit)**

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Students in this required semester course begin by learning how to study the Bible on their own. Then they apply those new Bible study skills in a survey of books and a deeper dive into the narrative of the Old Testament.

## **New Testament – 9<sup>th</sup> Grade (0.5 Credit)**

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This required one-semester course surveys the 27 books of the New Testament, with special emphasis on the ministry of Paul and his letters.

## **Life of Christ – 10<sup>th</sup> Grade (0.5 Credit)**

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In this semester course, students take a deeper dive into the Gospels and the Life of Jesus, focusing on what was happening in His world of 1<sup>st</sup> century Palestine, why He did the things He did, and what it all meant to them and to us now.

## **Comparative Religions – 10<sup>th</sup> Grade (0.5 Credit)**

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This required one-semester course examines major religions and pseudo-Christian faiths to see where they share similarities with and differences from the Christian faith. By looking at other Faiths, it can help us deepen and appreciate our own.

## **Apologetics – 11<sup>th</sup> Grade (0.5 Credit)**

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This required one-semester course aims to equip students with solid, reasonable answers to questions and objections to the Christian faith.

## **Foundations of Christian Theology – 11<sup>th</sup> Grade (0.5 Credit)**

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This required one-semester course contains 6 units of study following the Nicene Creed: God, Christ, Salvation, Holy Spirit, Church, Eschatology. The companion book for this class is *Mere Christianity* by CS Lewis.

## **Biblical Spirituality – 12<sup>th</sup> Grade (0.5 Credit)**

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The purpose of this one-semester course is to learn and practice the process of being formed in Christlikeness. As we come to understand what it means to grow in our faith and the importance of our habits and discipline, we will learn about our own habits and how introduce new ones into our life—always with the end goal that we would further uncover the Image of God within us.

## **Marriage and the Family – 12<sup>th</sup> Grade (0.5 Credit)**

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Marriage, Sexuality, Love—all of these have been created by God for man, and this one-semester course is designed to help us better understand His plan and design for them. By recognizing and submitting to God as Creator and better understanding ourselves as humans, we can plan healthy expectations and proper purpose to enter into relationship and community with others. In this course we will focus on God’s design, while also asking hard questions about how we live out that design in a broken world.

# Business and Careers Department

## **Foundations of Business (Sinclair Community College MAN 1107) (1.0 Credit)**

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The American business system and basic principles of the free market system. Includes introduction of business concepts, entrepreneurship, management, marketing, economics, accounting and other important business principles. Must apply to Sinclair and be accepted as a Dual Enrollment/CCP student. There will be a fee for this course unless you obtain CCP funding from the State of Ohio through the CCP application process.

## **Introduction to Software Applications (Sinclair Community College BUS 1120) (1.0 Credit)**

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This course teaches students to use the Microsoft Office products Word, PowerPoint, Excel and Access. The goal is to teach you the features you need to prepare reports, spreadsheets, and presentations at the level required in both college and business.

## **Introduction to Financial Accounting (Sinclair Community College ACC 1210) (1.0 Credit)**

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An introduction to preparation and uses of accounting reports for business entities; focus on uses of accounting for external reporting, emphasizing accounting as a provider of financial information.

## **Introduction to Managerial Accounting (Sinclair Community College ACC 1220) (1.0 Credit)**

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An introduction to the use of accounting information by managers. Topics include the use of accounting information for planning and control, performance evaluation, decision making and the statement of cash flows, along with financial statement analysis.

*Must apply to Sinclair and be accepted as a Dual Enrollment/CCP student. There will be a fee for these courses unless you obtain CCP funding from the State of Ohio through the CCP application process.*

## **Practical Arts (0.5 Credit)**

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In this semester long class, students will focus on learning valuable life skills such as sewing, cooking, childcare, and independent living. Students will learn techniques, equipment safety, and develop a working knowledge of basic sewing, cooking, and child first aid skills through classroom and hands on training. Students will complete 1-2 sewing projects, a cooking practicum, and practice childcare through the use of a baby simulator. Students will learn that we can honor God and serve others even in our daily lives.

## **Kettering Health Nursing Assistant (0.5 Credit)**

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This course provides a hands-on opportunity to learn nursing skills. Students are taught by qualified Kettering instructors the skills needed to be a qualified nurse assistant. Upon successful completion of the course, each student will be offered a paid position within Kettering Health as a nursing assistant/health aide. Students have a contractual agreement to complete 300 hours (paid) work for Kettering Health as part of this course.

## **Job Readiness & Career Path Development (.5 Credit)**

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In this course, students will explore their chosen career path, their passions, and giftings. They will study employability skills and learn how to form a professional cover letter and resume.

## **Introductory Mathematics for Engineering Applications (WSU EGR 1010) (1.0 Credit)**

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Math topics most heavily used in first and second-year engineering courses. Topics include engineering applications of algebra, trigonometry, vectors, complex numbers, sinusoids and signals, systems of equations and matrices, derivatives, integrals and differential equations. Integrated Writing course. *(Prerequisite: Must have admittance*

# Fine Arts Department

## Visual Arts

### Art 1: Foundations in Art (.5 Credit)

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In this course students will learn about the elements and principles of art. Using various techniques, students will explore the mediums of graphite, charcoal, soft pastels and oil pastels and learn to critique artwork.

### Art 2: Exploration of Style and Medium (0.5 Credit)

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In this course students will explore the principles of design. Students will continue to develop the use of drawing mediums, using colored pencils, and pen & ink. Students will also create quality portraits and use mixed media. (*Prerequisite: Art 1*)

### Art 3: Studio Art (1.0 Credit)

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A one-year course designed for the upper level art student who wishes to begin developing a portfolio, fine tune and stretch his skills in a variety of media, and develop the use of art as a form of communication. This course will consist of advanced media techniques, a deeper look into art history (involving research by the student), and the beginnings of independent works of art. The student will also learn how an artist works (from concept to exhibit) and will develop the concept of using art for God's glory and honor. (*Prerequisite: Art 2*)

### Art 4: Portfolio (1.0 Credit)

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This one-year course is designed for the art student who is interested in developing a portfolio of work which could be used for entrance to an art school or university for those who wish to pursue career in art. Independent study in a variety of media will be completed to balance out the student's portfolio and high school art experience. Students will recognize they should be stewards of God's gift of creativity. (*Prerequisite: Art 3*)

### Ceramics (0.5 Credit)

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An introduction of the medium of clay as an expressive and functional art form. Students will learn a variety of basic hand building construction methods and will be required to complete assignments of both functional pottery and sculpture. Students will also learn basic techniques for glazing the works they create in class. Students will gain an understanding of the tools and equipment necessary to operate a ceramic studio as well as an overview of the history and aesthetics of ceramics as an art form. In this course, students will be introduced to throwing on the wheel. Student critiques will provide feedback and strengthen students' skills in critical thinking and problem solving. (*Prerequisite: Art 1*)

## Performing Arts

### Concert Winds (1.0 Credit)

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Concert Winds is available to any 9-12<sup>th</sup> grade student with an intermediate level of competency on a wind instrument (brass, woodwind). This class focuses on developing our abilities as well-rounded musicians and using our talents to glorify God through the performance of music. Commitment to concerts and rehearsals outside the school day is required.

### Jazz Band (1.0 Credit)

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Jazz Band is open to any 9th-12th grade student with intermediate competency on any wind instrument, drums, piano, guitar, bass, or vocals. Jazz Band focuses on the theory of music and how to perform both written and improvised melodies. Commitment to concerts and rehearsal outside the school day is required.



### **Concert Percussion (1.0 Credit)**

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Concert Percussion is open to any 9th-12th grade student with an intermediate level of competency on a percussive instrument (rhythmic or pitched). This class focuses on developing our abilities as well-rounded musicians and using our talents to glorify God through the performance of music. Commitment to concerts and rehearsals outside the school day is required.

### **Worship Team (1.0 Credit)**

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In this year-long service-oriented course the student will learn to use his/her spiritual gifts and abilities to lead the student body in worship. Involvement will include vocals, band, worship leader, drama, and audio-visual production. Bible study, prayer, discipleship, and worship are key elements of this course. The student will learn the importance of unity, teamwork, and service. Most Students will need to provide their own instruments. *(Prerequisite: audition, permission of instructor)*

### **Women's Ensemble (1.0 Credit)**

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This course is a woman's only choir with an emphasis on 1) development of good vocal techniques such as intonation, tone, blend, diction, and breath control, 2) introduction of various styles of music and the special requirements involved in each, and 3) introduction of various musical styles from different periods of history. Students will have to attend two concerts each year and the ACSI competition in the Spring. Concerts and competition are scheduled to test students over music memorization and other performance related topics, as well as the chance to express the beauty of the music and their praise to God. Commitment to concerts is required. Students will also have to purchase a choir uniform that costs approximately \$60.00. *(Prerequisite: permission of instructor)*

### **Resounding Joy Ensemble (H) (1.0 Credit)**

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This honors level course is open to any 9-12 grade students who possesses advanced level proficiency in vocal music and is chosen after audition. The course is intended to provide an honors choir opportunity where students will learn advanced music and be able to compete at a higher level of musicianship. Activities will include two concerts at Dayton Christian School, singing the National Anthem at sporting events, a choir tour during J-Term, ACSI and other choral competitions, and local performance within the community. The J-Term choir tour is a requirement for all students who participate in Resounding Joy. There are no exceptions for this (i.e. sports, wanting to go on other J-Term trips, other activities that the student will miss on tour). Students will be expected to pay for a uniform (\$68 for girls & \$45 for boys) and participate in fund raising for the choir tour. *(Prerequisite: audition and permission of instructor)*

## **Media Arts**

### **Media Art & Technology 1 (.5 Credit)**

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This course is a blend of creativity and technology, designed to make you a well-rounded content creator. Students will learn Adobe Photoshop and Illustrator through project-based, creative work. Additionally, students will learn the basics of web developments with HTML and CSS to design and build their own websites. *(Prerequisite: Art 1)*

### **Media Art & Technology 2 (.5 Credit)**

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This class builds on Media Art & Technology 1 through a deeper integration of creative projects and technology. Students will continue to develop their Adobe skills by learning After Effects for motion graphics and InDesign for print. Students will also grow their front-end web development skills through additional languages and technologies. *(Prerequisite: Media Art & Technology 1)*

## **Video Production (0.5)**

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This course is for students who enjoy film, television, and internet videos with a desire to create their own videos. Students will write, plan and produce weekly DCTV announcement videos as well as individual and team projects. Learning and active participation in basic camera, audio, lighting and editing is vital to successful completion of this course.

## **iOS App Development (1.0 Credit)**

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Students build fundamental iOS app development skills with Swift. They will master the core concepts and practices that Swift programmers use daily and build a basic fluency in XCode source and UI editors. Students will be able to create iOS apps that adhere to standard practices, including the use of stock UI elements, layout techniques and common navigation interfaces. This course requires no prior programming experience.

## **Yearbook (1 Credit)**

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In this course, you will gain, develop, and master skills in one or multiple areas of the yearbook creation process. Whether you're interested in page design or photography, copywriting or marketing, or any other skill required to create a memorable yearbook, you'll be able to come to class every day and learn by doing. Outside of developing these individual skills, we're also working towards a single, shared goal: to create the most memorable yearbook Dayton Christian has ever seen.

## **Computer Science (1 Credit)**

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This is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. HTML, CSS, and JavaScript are taught in this course. This course requires no prior coding knowledge.

# Industrial Arts Department

## **Industrial Arts 1 (0.5 Credit)**

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In this introductory course, students will learn thorough safety and technique in the use of hand tools and small power tools. Students will complete three woodworking projects, one using only hand tools and two using power tools. Students will also complete their Level I Legacy Project.

## **Industrial Arts 2 (0.5 Credit)**

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In this second Industrial Arts course, the students will develop advanced skills through the use of basic and advanced hand tools. Student will be introduced to large stationary commercial power tools and create a project incorporating these tools implementing learned skills and techniques. Students will also be introduced to a basic understanding of residential, electrical, plumbing, and framing. Students will also complete their Level II Legacy Project\*. (*Prerequisite: Industrial Arts I*)

## **Industrial Arts 3 (1.0 Credit)**

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In this yearlong course, students will draw upon the skills and techniques learned in Industrial Arts I and II. Students will experience design and hand drafting through the designing and drafting of their own personal projects of a free-standing bookcase. In the first semester students will be schooled in drafting, cabinet construction, wood turning, CNC Machine programming and operations, and metal working. In the second semester students will incorporate their skills of metalworking and advanced hand tools drawing and fabricating a free-standing book case. Students will also complete their Level III Legacy Project\*. (*Prerequisite: Industrial Arts 2*)

## **Industrial Arts 4 (1.0 Credit)**

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In this yearlong course, students will draw upon the skills and techniques learned in Industrial Arts I, II, and III. Students will experience design and drafting through the designing and drafting of one large or several small personal projects they choose. Students will incorporate their skills of advanced hand tools and power tools in projects throughout the school year. Students will also complete their Level IV Legacy Project\*. (*Prerequisite: Industrial Arts 3 and interview for acceptance into the class*)

## **Industrial Arts 5 (1.0 Credit)**

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In this yearlong course, students will draw upon the skills and techniques learned in Industrial Arts I, II, III, and IV. Students will experience design and drafting through the designing and drafting of one large or several small personal projects they choose. Students will incorporate their skills of advanced hand tools and power tools in projects throughout the school year. Although students will be building personal project again, they will be evaluated for more complexity and higher skill levels than in Ind. Arts IV. Students will also complete their Level IV Legacy Project\*. (*Prerequisite: Industrial Arts IV and interview of acceptance into class*)

## **Wood Turning (.5 Credit)**

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In this semester class, students will learn how to turn wood using a wood lathe, doing both spindle and faceplate turning. Students will apply turning techniques to create class and individual projects. We will also cover how to keep turning tools sharp and cutting efficiently, as well as how to sand and finish projects.

### **3D Printing (.5 Credit)**

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In this semester class students will be introduced to Fusion 360 and Luban software. Students will complete a series of classroom and homework assignments to become familiar with the software and the process of taking a project from Fusion 360 through the actual 3D printing process using Luban. Students will be given one or more projects that will require them to complete a Fusion 360 drawing based on line drawings, print the project, and prove that the project printed correctly by interchanging parts with other students. Students will design and print one original project of their own choosing with instructor approval.

### **Commercial Cabinet Construction (.25 or .5 Credit)**

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In this one-month summer course, students will draw upon the skills and techniques learned in Industrial Arts I and II. Students will experience design and construction of frameless commercial cabinetry. In the first week students will be schooled in frameless cabinet construction and creating a cut list. After classroom assessment of techniques, students will move to the shop and cut and fabricate commercial case products. This is a Level III Legacy Project\*. (*Prerequisite: Industrial Arts I*)

**Credit Breakdown:** Credit and service hours will be given according to hours attended. Attendance will be managed as a full commercial cabinet shop with students as employees. First 5 days and assessment are requirement to continue in the class. Each day will start at 9:00am and end at 3:00pm with a lunch break.

33 hours = .25 credit

64 hours = .5 credit

Any hours between 33 and 64 will receive .25 credit with overage hours applied to service hours. Any hours over 64 will receive .5 credit with overage hours applied to service hours.

To register for this course, please email Gary Recker at [grecker@daytonchristian.com](mailto:grecker@daytonchristian.com) and give your name, phone# and dates you will NOT be able to be in class.

# Language Arts Department

## English 9 (1.0 Credit)

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English 9 introduces students to an assortment of texts illustrating four major categories of writing: Fiction, Nonfiction, Poetry, Drama. Within each category, students will gain familiarity with a host of noteworthy authors and an assortment of short works/excerpts for a range of reading abilities. Additionally, students devote the remainder of each quarter to a prolonged study of an unabridged work of fiction, nonfiction, or drama.

## English 10 (1.0 Credit)

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English 10 introduces students to an assortment of texts illustrating four major categories of writing: Fiction, Nonfiction, Poetry, and Drama. Within each category, students will gain familiarity with a host of noteworthy authors and an assortment of short works/excerpts for a range of reading abilities. *(Prerequisite: completion of English 9)*

## Honors English 10 (1.0 Credit)

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Honors English 10 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the Honors ELA classroom, where students will prepare for close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text in order to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing in order to facilitate complex thinking and to communicate ideas clearly. *(Prerequisite: Completion of English 9 with an A-average or higher)*

## English 11 (1.0 Credit)

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In English 11, students proceed chronologically through four major periods of American literature: Settlement, American Renaissance, Early Modernism, and Modernism/Postmodernism. Since the ideas that comprise American literature transcend common historical boundaries, however, students will continually find themselves integrating their latest readings with previously discovered content. Students will gain exposure and experience reading, interpreting, and analyzing fiction, nonfiction, poetry and drama. Within each unit, students will gain familiarity with a host of noteworthy authors and an assortment of short works/excerpts for a range of reading abilities. The second half of each quarter is reserved for a prolonged study of an unabridged work of fiction, nonfiction, or drama. *(Prerequisite: completion of English 10)*

## Speech (0.5 Credit)

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Speech class is devised to give students the opportunity to learn communication theory and develop communication skills, which they will apply in both informal and formal speaking situations. *(Prerequisite: must be a Junior or Senior)*

## English 12 (1.0 Credit)

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This is a college preparatory course for seniors emphasizing the integration of reading, writing, speaking, and listening. These elements are studied in the context of the values expressed in British literature from the Anglo-Saxon authors to the present age. Students will employ journaling, vocabulary acquisition, outside reading, and research as they develop a biblical world view as it pertains to language

### **AP English Literature and Composition (1.0 Credit)**

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the way's writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students will develop a biblical world view as it pertains to language. Students who elect Advanced Placement English are self-starters, are willing to work diligently, and have a special interest in writing and the study of literature. These candidates will be required to do summer reading before the school year begins. AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately \$95. (Prerequisite: 'A' average or higher in English 11, B or higher in AP English Language and Composition)

\$95. (Prerequisite: 'A-' average or higher in English 10, 'B' or higher in Honors English 10)

### **AP English Language and Composition (1.0 Credit)**

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students will develop a biblical world view as it pertains to language. Students who elect Advanced Placement English are diligent self-starters, and have a special interest in writing and the study of literature. These candidates will be required to do summer reading before the school year begins. AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately

# Mathematics Department

## **Algebra 1 (1.0 Credit)**

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The student will develop an understanding of the Real Number System and how to reason quantitatively using units to solve problems. The student will learn to see structure in expressions. The student will develop an understanding of performing arithmetic operations on polynomials and working with rational expressions. The student will create equations that describe numbers or relationships, as well as inequalities. The student will learn to solve equations and inequalities in one variable, and to also solve systems of equations and inequalities. The student will understand the concept of a function and be able to use function notation. The student will learn to graph and compare linear, quadratic, and exponential models. Also covered is the role of positive character qualities such as resourcefulness, orderliness, discernment, wisdom, and creativity in the study of math.

## **Geometry (1.0 Credit)**

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This one-year course is designed to develop student proficiency with logic, deductive reasoning, the formal definitions and properties of figures (quadrilaterals, circles, etc.), and geometric constructions. Students will learn how to prove that triangles are congruent. Students will learn transformations that occur in the plane. Students will understand similarity and be able to solve problems involving similar shapes. Students will be able to use trigonometric ratios and be able to solve problems involving right triangles. Students will be able to solve problems using area and volume formulas. Students will learn the rules of probability and be able to compute simple, compound, and conditional probabilities. Throughout the course, students will also be challenged to develop a clearer understanding of spiritual principles such as attentiveness, perseverance, and accountability to God. Scientific calculator required. (*Prerequisite: Algebra 1*)

## **Honors Geometry (1.0 Credit)**

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Honors Geometry is for students excelling in math courses at the high school level. Optional topics in the regular Geometry classes will become required for the Honors program. Course Evaluation is at a higher level. This one-year course is designed to develop student proficiency with logic, deductive reasoning, the formal definitions and properties of figures (quadrilaterals, circles, etc.) and geometric constructions. Students will learn transformations that occur in the plane. Students will understand similarity and be able to solve problems involving similar shapes. Students will be able to use trigonometric ratios and be able to solve problems involving right triangles. Students will be able to solve problems using area and volume formulas. Students will learn the rules of probability and be able to compute simple, compound, and conditional probabilities. Throughout the course, students will also be challenged to develop a clearer understanding of spiritual principles such as attentiveness, perseverance, and accountability to God. Scientific calculator required. (*Prerequisite: 'A/A+' average or higher in Algebra 1*)

## **Algebra 2 (1.0 Credit)**

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This one-year course is a continuation of Algebra 1 and will emphasize God's desire for our being orderly in our thinking and our lives. A review of Algebra 1 concepts is followed by a more in-depth analysis of rational, radical and quadratic functions. Conic sections, exponential functions, log functions and probability will be discussed. Connections between equivalent representations and related procedures for a math concept will be recognized and used. Problems or mathematical models will be formulated in response to a specific need or situation, information required to solve the problem will be determined, the method for obtaining this information will be chosen, and limits for an acceptable solution set. TI-84 Calculator required. (*Prerequisite: Geometry*)

### **Honors Algebra 2 (1.0 Credit)**

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This one-year course is a continuation of Algebra 1 and will emphasize God's desire for our being orderly in our thinking and our lives. A review of Algebra 1 concepts is followed by a more in-depth analysis of rational, radical and quadratic functions. Conic sections, exponential functions, log functions and probability will be discussed. Connections between equivalent representations and related procedures for a math concept will be recognized and used. Problems or mathematical models will be formulated in response to a specific need or situation, information required to solve the problem will be determined, the method for obtaining this information will be chosen, and limits for an acceptable solution set. TI-84 Calculator required. *(Prerequisite: A/A+ or higher in Geometry or B or higher in Honors Geometry)*

### **Advanced Math (1.0 Credit)**

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This is a yearlong course for the student who has completed two years of Algebra and one year of Geometry and is not pursuing the pre-calculus and calculus courses in pursuit of a college preparatory course of study. This course enriches the students understanding of the basic theorems of Algebra I and Algebra II while introducing pre-calculus. This course reviews right triangle trigonometry and does not delve heavily into unit circle analysis discussed in a pre-calculus course. Any unit circle work will be done with the student provided with a copy of the unit circle, containing angles and coordinates of the main 16 angles. This course also provides an alternative route to meeting the Ohio State requirements for four years of mathematics. TI-84 Calculator required. *(Prerequisite: Completion of 3 credits in Math including Algebra 1, Algebra 2, and Geometry)*

### **Honors Precalculus (1.0 Credit)**

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Algebraic concepts and processes are further reviewed, developed, and practiced. A thorough introduction to trigonometry follows the establishing of a foundation in functions and logarithms. Throughout the course, students will

gain additional practice and proficiency in the use of the concepts and applications of trigonometry and related topics, including the study of vectors, complex numbers, polar coordinates, and coordinate geometry. Further preparation for the study of calculus will include introduction to sequences and series and conic sections. Graphing calculators (purchase required) will be used to explore and validate algebraic concepts and to develop basic competency with modern technology. TI-84 Calculator required. *(Prerequisite: 'A' average or higher Algebra 2 or 'B' average or higher in Honors Algebra 2, previous completion of Geometry)*

### **AP Calculus (1.0 Credit)**

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This AP course in calculus consists of a full academic year of work that is comparable to calculus courses in colleges and universities. It culminates with the May AP Calculus AB exam for which students may receive college credit, college placement, or both. Most of the year will be devoted to topics in differential and integral calculus. TI-84 calculator required. AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately \$95.

### **Practical Business Math (1.0 Credit)**

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Utilizes mathematical operations to solve practical business problems. The topics include solving equations, percents with applications, cash and trade discounts, markups and markdowns, simple interest, compound interest, present value, annuities and sinking funds, installment buying and revolving credit cards, statistics and reading and analyzing financial statements. *(Prerequisite: registration with Administrative Approval)*

### **Modified Algebra 1, Modified Geometry and Modified Algebra 2 (1.0 Credit)**

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These modified courses are assigned to specific students at Administrator discretion.



### **AP Statistics (1.0 Credit)**

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AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

TI-84 Calculator required. (Prerequisite: 'A' average or higher in Algebra 2 or 'B' average or higher in Honors Algebra 2, previous completion of Geometry) AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately \$95.

### **Introductory Mathematics for Engineering Applications (WSU EGR 1010) (1.0 Credit)**

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Math topics most heavily used in first and second-year engineering courses. Topics include engineering applications of algebra, trigonometry, vectors, complex numbers, sinusoids and signals, systems of equations and matrices, derivatives, integrals and differential equations. Integrated Writing course. *This course does not count toward a math credit. (Prerequisite: Must have admittance to Wright State as a CCP or Dual Enrollment Student and completion of Algebra 2)*

# Physical Education/Health Department

## Physical Education 1 (0.25 Credit)

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The class will consist of physical fitness activities including but not limited to badminton, tennis, table tennis, flag football, and softball. Students will also be required to create and implement a fitness plan.

## Physical Education 2 (0.25 Credit)

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This course involves learning and applying both the knowledge and practice of best practices of physical activity. Students will continue to build on the skills and concepts developed in High School Physical Education Course 1. Students will continue to develop both team and individual skills in relation to physical activity. Students will apply knowledge and skills acquired from the course in developing and setting lifelong goals for pursuing physical fitness and a healthy lifestyle.

## Health (0.5 Credit)

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Health class surveys the health of the Christian - spiritual, mental, physical, and social - based on the premise of 1 Corinthians 6:15 and Luke 2:52. The ultimate purpose of this course is to encourage and develop a wholesome Christian understanding and response to current social vices, first-aid, CPR, personal care and hygiene, safety, the physiological systems, and sex respect.

## PE Waiver

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According to Ohio Department of Education guidelines, Dayton Christian High School students have the voluntary option to exempt themselves from the high school PE requirement (0.5 credits of Physical Education classes) by participating in OHSAA high school sanctioned interscholastic athletics, marching band, or cheerleading for at least two full seasons.

If a student only participates in one full season of an approved activity, the student cannot be excused from the .25 credits of Physical Education (2 semesters) and will have to take .25 credits of Physical Education to complete his or her Physical Education requirement per ODE guidelines.

This policy requires active participation “for at least two full seasons.” If a student is removed or if he/she quits the activity, that season cannot be used to meet the two-season requirement. If the activities are eliminated by Dayton Christian School, students may be forced to complete two semesters of Physical Education. Sports seasons and Physical Education credits *cannot be paired* to meet the Physical Education Requirement.

Students are subject to the graduation requirements of the district where they will graduate. In the case of a transfer student, the receiving district is not obligated to honor the Physical Education waiver earned by Dayton Christian High School. The student will need to earn the required Physical Education credits as they are required by the new district.

Dayton Christian High School will only honor the full, official documented Physical Education waiver granted by another school district.

*PE Waivers can be found on the Resource Board in DC Connect as well as the Guidance Office.*

# Science Department

## **Biology (1.0 Credit)**

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This one-year biology course provides a strong foundation in cellular biology, genetics, taxonomy, ecology, and origins. The course content is aligned with state standards and is biblically integrated so that God receives glory as students study the living world. Lab work is required and emphasizes data collection and interpretation. (*Prerequisite: Physical Science and Algebra I*)

## **Honors Biology (1.0 Credit)**

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This one-year biology course provides a strong foundation in cellular biology, genetics, taxonomy, ecology, and origins and will include in depth study in some of these topics. The course content is aligned with state standards and is biblically integrated so that God receives glory as students study the living world. Lab work is required and emphasizes data collection and interpretation. This course requires the completion of a science fair project. (*Prerequisite: Completion of Algebra I with 'A' or higher and an 'A' or higher in Physical Science or 8th grade Science*)

## **Physical Science (1.0 Credit)**

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This one-year physical science course provides a strong foundation in chemistry, physics, and astronomy. The course content is aligned with state standards and is biblically integrated so that God receives glory as students study his creation and laws. Special attention is given to understanding the relationships between the concepts. Hands-on activities reinforce concepts learned in class.

## **Honors Physical Science (1.0 Credit)**

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This one-year physical science course provides a strong foundation in chemistry, physics, and astronomy. The course content is aligned with state standards and is biblically integrated so that God receives glory as students study his creation and laws. Lab work is required and emphasizes the use of formulas and laws. (*Prerequisite: 'A' in 8th grade Science.*)

## **Chemistry (1.0 Credit)**

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This one-year physical science course provides students with an understanding of the foundational concepts of chemistry. Laboratory work and inquiry-based activities are included to give the students first-hand experience and to build their skills in using the scientific method. Chemistry will help students prepare for college studies in general and is needed for students who plan to major in any area of science. (*Prerequisite: Algebra 1 and Biology or Honors Biology*)

## **Honors Chemistry (1.0 Credit)**

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This one-year physical science course provides students with an understanding of the foundational concepts of chemistry and provides in-depth study of many topics. Laboratory work and inquiry-based activities are included to give the students hands-on experience and to build their skills in using the scientific method. Honors Chemistry will help students prepare for college studies in general and will be advantageous for students who plan to major in any area of science. This course requires the completion of a science fair project. (*Prerequisite: 'B+' or higher in Algebra 1 and Current enrollment in Algebra 2 and 'B' or higher in Honors Biology or A in Biology*)

## **Honors Anatomy and Physiology (1.0 Credit)**

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This one-year, honors-level biological science course is an in-depth study of the structure and functions of the human body, designed especially for the college-bound student who enjoyed Biology, and desires further knowledge in this area. Lab work included with required dissection. This course requires the completion of a science fair project. (*Prerequisite: 'B' or higher in Biology and Chemistry courses*)

### **Honors Physics (1.0 Credit)**

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This one-year, honors-level physical science course is a modern approach to the study of force, motion, work, energy, light, optics, electricity and circuits with laboratory work in many of the areas. *(Prerequisite: completion of Chemistry with a grade of A- or higher or Hon. Chemistry with a B or higher and completion of Algebra 2 with a grade of B or higher)*

### **Modified Physical Science, Biology and Chemistry (1.0 Credit)**

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These modified courses are assigned to specific students at administrator discretion. These science courses are offered in alternating year.

# Social Studies Department

## **World History (1.0 Credit)**

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World History is a one-year course that examines the written record of man's existence from a Western Civilization framework from 1600 to present. This course will challenge students to develop insights into many contemporary problems through acquiring a thorough, God-centered understanding of the origins and foundation of those problems.

## **American History (1.0 Credit)**

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This one-year course is designed to provide the student with a general knowledge of United States history and the current trend toward globalization. God's providential hand throughout America's past is especially highlighted as well as the blessings placed upon this nation and the responsibilities of those claiming to be His followers. The course includes an exploration of the important historical documents that laid the foundation of our country. As well as a look at the 20th and 21st centuries--the difficulties faced such as increasing immigration, industrialization, and urbanization; the successes achieved such as steps taken toward increased racial equality, the rapid growth of industry and technology, and advances in science and medicine; and the triumphs realized—facing wars and fighting for liberty. Students will see how the people of the United States have played a vital role in securing the freedoms we enjoy today in our own country as well as helping other countries win their independence.

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## **Current Social Problems (0.5 Credit)**

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This one-semester social studies course is an introduction to problems facing American society, their background, current status, and possible solutions. The course offers a biblical perspective on understanding and solving the problems. *(Prerequisite: must be a Junior or Senior)*

## **American Government (0.5 Credit)**

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This one-semester course includes a study of American Government at the national, state, and local levels, and its complex interworking's, checks and balances, political responsibilities, structure, functions, and authority. Students will learn their responsibilities to government, how to biblically analyze and evaluate political issues and how to influence government. *(Prerequisite: must be a Junior or Senior)*

## **Personal Finance (0.5 Credit)**

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The content of this course is designed to assist the student in making sound biblical decision concerning finances. The knowledge and skills of this course will help provide the student with valuable tools to be a good steward for the remainder of the student's life. *(Prerequisite: must be a Junior or Senior)*

### **AP American Government and Politics (1.0 Credit)**

This is an introductory college-level course to American government. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make-up U.S. politics, key foundational documents (such as the US Constitution and its amendments and the Federalist and Anti-Federalist Papers), as well as knowledge of the pivotal court decisions handed down by the Supreme Court and their impact on America. AP is considered the next level beyond “honors” and receives an additional GPA bump. AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately \$95. (Prerequisite: Must be a junior or senior and have a ‘B’ or higher average in English and Social Studies.)

### **General Psychology (MVNU General Psychology 1100) (1.0 Credit)**

An introduction to psychology that explores contemporary psychology as a science, a profession, and as a means for promoting human wellness. The course emphasizes the biological and social perspectives. Special emphasis is given to the scientific method, psychological terminology, and prominent theories. (Prerequisite: Must have admittance to MVNU as a CCP or Dual Enrollment Student)

### **AP Macroeconomics (1.0 Credit)**

AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data. This class will observe the behavior and performance of an economy as a whole, i.e. macro, thereby focusing on the aggregate changes across the economy. This class will explore concepts such as supply and demand; the business cycle; national income; economic indicators (unemployment,

growth rate, gross domestic product and inflation); price determination; monetary and fiscal policy; and government stabilization policies. For students interested in taking AP U.S. Government, this course is a great compliment to concepts you will explore there. AP is considered the next level beyond “honors” and receives an additional GPA bump. AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately \$95. (Prerequisite: B or higher in latest History course)

### **AP Microeconomics (1.0 Credit)**

AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers (i.e. at the firm or company level) by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity in markets; supply and demand; cost benefit analysis; production choices and behavior; marginal analysis; price elasticity and profit maximization; market inefficiency; price discrimination; factor markets; imperfect competition (ex. monopolies); and the role of government and public policy. AP is considered the next level beyond “honors” and receives an additional GPA bump. AP students are required to take the AP test in May. The exam fee is in addition to tuition and approximately \$95. (Prerequisite: B or higher in Alg. I and Geometry, B or higher in latest History course)

# Student Aides

## Clinic Aide (0.25 Credit)

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In this one-semester Pass/Fail course the student will learn the procedure for assisting the Health Services office. Under adult supervision the student will become proficient in basic computer skills, keyboarding, making copies, data entry, record-keeping, and running errands. The student will understand and execute detailed and sequential instructions and be tolerant of repetitive tasks. The student will learn to solve basic problems and work effectively with adults and peers. The student will demonstrate patience, tact, a willingness to learn, and confidentiality. Assessment will be based upon competency in the above-mentioned skills. *(Prerequisite: Application to and approval of Health Services Director)*

## Library Aide (0.25 Credit)

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In this one-semester Pass/Fail course students will learn the procedure for managing the library. This includes processing books, checking out books, writing up library fines, repairing books and AV materials, typing cards, taking inventory of materials, and being knowledgeable about the library in order to help students and teachers. There will be worksheets to complete. They will become proficient in the use of the Dewey Decimal System. Assessment will be based on job performance review. *(Prerequisite: Permissions of Librarian)*

## Office Aide (0.25 Credit)

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In this one-semester Pass/Fail course the student will assist in managing an office. Under adult supervision the student will become proficient in general office skills including answering phones, keyboarding, basic computer skills, making copies, sending faxes, delivering mail, filing, and doing errands. The student will understand and execute detailed and sequential instructions and be tolerant of repetitive tasks. The student will learn to solve basic problems and work effectively with adults and peers. The student will demonstrate patience, tact, a willingness to learn, and confidentiality. Assessment will be based upon competency in the above-mentioned skills. *(Prerequisite: permission of office)*

## Teacher Aide (0.25 Credit)

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In this one-semester graded course the student will learn the procedure for assisting the teacher. Under adult supervision the student will become proficient in basic computer skills, keyboarding, making copies, data entry, record keeping, and running errands. The student will learn to solve basic problems and work effectively with adults and peers. The student will demonstrate patience, tact, a willingness to learn, and confidentiality. Assessment will be based upon competency in the above-mentioned skills.

# World Languages Department

## **American Sign Language 1 (1.0 Credit)**

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An introduction to learn fundamental basic ASL Vocabulary, Basic Grammatical Sentence Structure, Fingerspelling and numbers and exposure Deaf Culture. The goal is to begin to become conversationally comfortable both Signing Expressively and understanding Receptively in ASL what is being communicated. Students will begin to gain an understanding of the overall Deaf Culture in America.

## **American Sign Language 2 (1.0 Credit)**

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A continuation of the introduction to conversational skills in American Sign Language including the study of ASL Vocabulary, Grammatical Sentence Structure focusing on the Linguistics of American Sign Language and Deaf Culture. The goal is to further become conversationally comfortable both Signing Expressively and understanding Receptively in ASL what is being communicated. Students will begin continue to deepen their understanding of the overall Deaf Culture in America and around the world. *(Prerequisite: Beginning One Level ASL with C or above)*

## **Honors American Sign Language 3 (1.0 Credit)**

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An expansion of the conversational skills and knowledge of American Sign Language. Furthering the development of both expressive and receptive fluency of ASL including the study of ASL Vocabulary, Grammatical Sentence Structure focusing on the Linguistics of American Sign Language and Deaf Culture. The goal is to further fluency and comfortability in both Signing Expressively and understanding Receptively in ASL what is being communicated. Students will continue to expand their understanding of the overall Deaf Culture in America and around the world. *(Prerequisite: Level 2 ASL with grade of B or above)*

## **Spanish 1 (1.0 Credit)**

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Spanish 1 is a one-year course that teaches the basic knowledge of vocabulary, forms, structures, and concepts of the Spanish language. It also instructs the skill to use that knowledge in speech, understanding, reading, and writing. Biblical lessons and their spiritual applications are an integral part of the vocabulary and grammar curriculum. *(Prerequisite: 'A' average or higher in English 7 or 'C' average or higher in English 8, 9, 10, 11)*

## **Spanish 2 (1.0 Credit)**

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Spanish 2 continues to teach the development of listening, speaking, reading, and writing skills. More advanced grammar, more exact pronunciation, and more advanced writing skills are developed, leading to a more spontaneous, yet, conscious control of the language. Biblical lessons and their spiritual applications are part of the vocabulary and grammar curriculum. *(Prerequisite: Spanish 1 with a final grade of C+ or above)*

## **Honors Spanish 3 (1.0 Credit)**

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Honors Spanish 3 will complete the study of the basic grammar system of the language. Emphasis is placed on greater proficiency in listening, speaking, reading, and writing skills. Biblical lessons and their spiritual applications are part of the vocabulary and grammar curriculum. *(Prerequisite: Spanish 2 with B or above, and permission of instructor)*

## **Honors Spanish 4 (1.0 Credit)**

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Honors Spanish 4 is a class that puts together all that was learned in Spanish 1, 2, and 3. Further, it incorporates several advanced grammatical concepts not previously instructed. There is an increased push to conduct the class entirely in the target language, aside from grammar instruction. *(Prerequisite: Spanish 3 with B or above, and permission of instructor)*



# Additional Academic Options

## Ignitia Online Courses

Online high school elective credit course options are available through a DCHS provider, Ignitia. Students are scheduled in the library or computer lab during any period to work on these courses during the school day at Dayton Christian High School. Ignitia is an online Christian curriculum with limited elective options for students.

## College Credit Plus (CCP)

Ohio's College Credit Plus can help students earn college and high school credits simultaneously by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Taking a college course from a public college or university College Credit Plus is free. That means no cost for tuition, books or fees if you attend public school in the state of Ohio. If you choose to attend a private college or are homeschooled, you may have limited costs.

Please visit the [College Credit Plus Website](#) for all current CCP guidelines and information.

# Extra-Curricular Activities

## Boys Varsity/JV Sports

- Baseball
- Basketball
- Bowling
- Cross Country
- Football
- Golf
- Soccer
- Swimming
- Tennis
- Track and Field
- Wrestling

## Girls Varsity/JV Sports

- Basketball
- Bowling
- Cheerleading
- Competition Cheerleading
- Cross Country
- Golf
- Soccer
- Softball
- Swimming
- Tennis
- Track and Field
- Volleyball

## Activities

- Marching Band
- Color Guard
- National Honor Society
- Student Government
- Warrior Ambassador



# Appendix

## Math Progressions

	Option 1	Option 2	Option 3
Grade 6	Math 6	Math 6	Math 6
Grade 7	Pre-Algebra	Math 7	Math 7
Grade 8	Algebra 1	Math 8	Math 8
Grade 9	(H) Geometry	Algebra 1	Algebra 1
Grade 10	(H) Algebra 2	(H) Geometry	Geometry
Grade 11	(H) Pre-Calculus	(H) Algebra 2	Algebra 2
Grade 12	AP Calculus	(H) Pre-Calculus	Advanced Math Concepts

Note: Students in math classes must meet the course prerequisites for each consecutive math course. Students can adjust progression based on grades achieved in prior courses. These are just 3 possible progressions in the math program.

## Science Progressions

	Option 1	Option 2
Grade 9	(H) Biology	Biology
Grade 10	(H) Chemistry	Physical Science
Grade 11	(H) Anatomy & Physiology	Chemistry
Grade 12	(H) Physics	Optional

Note: Students in science classes must meet the course prerequisites for each consecutive science course. Students must have 3 science credits to meet graduation requirements, including at least one life (biological) and at least one physical science.

# Grading Scale and GPA Calculations

## Grading Scale

		<u>GPA</u> <u>Value</u>			<u>GPA</u> <u>Value</u>
A+	98-100	4.0	C+	78-79	2.5
A	92-97	4.0	C	72-77	2
A-	90-91	3.75	C-	70-71	1.75
B+	88-89	3.5	D+	68-69	1.5
B	82-87	3.0	D	62-67	1
B-	80-81	2.75	D-	60-61	0.75

F = 0.0 calculated into the GPA for 59 and below

## GPA Calculation Charts

1.0 Credit	Regular	Honors	AP
A+	4	4.5	5
A	4	4.5	5
A-	3.75	4.25	4.75
B+	3.5	4	4.5
B	3	3.5	4
B-	2.75	3.25	3.75
C+	2.5	3	3.5
C	2	2.5	3
C-	1.75	2.25	2.75
D+	1.5	1.5	1.5
D	1	1	1
D-	0.75	0.75	0.75

0.5 Credit	Regular	Honors	AP
A+	2	2.25	2.5
A	2	2.25	2.5
A-	1.875	2.125	2.375
B+	1.75	2	2.25
B	1.5	1.75	2
B-	1.375	1.625	1.875
C+	1.25	1.5	1.75
C	1	1.25	1.5
C-	0.875	1.125	1.375
D+	0.75	0.75	0.75
D	0.5	0.5	0.5
D-	0.375	0.375	0.375

0.25 Credit	Regular
A+	1
A	1
A-	0.9375
B+	0.875
B	0.75
B-	0.6875
C+	0.625
C	0.5
C-	0.4375
D+	0.375
D	0.25
D-	0.1875

### Honors Courses

(H) Geometry	(H) English 10
(H) Algebra 2	(H) American History
(H) Pre-Calculus	(H) Spanish 3
(H) Physical Science	(H) Spanish 4
(H) Biology	(H) American Sign Language 3
(H) Chemistry	(H) Resounding Joy
(H) Anatomy & Physiology	
(H) Physics	

### AP Courses

AP Lang and Comp
AP Lit and Comp
AP US Federal Government
AP Calculus
AP Statistics
AP Macroeconomics
AP Microeconomics

# Graduation Checklist

**English** (4.5 credits) The state of Ohio requires 4.0 credits of English; Dayton Christian requires an additional 0.5 credit of Speech.

- \_\_\_ Eng 9 (1.0)
- \_\_\_ Eng. 10/ Hon. Eng. 10 (1.0)
- \_\_\_ Eng. 11/AP (1.0)
- \_\_\_ Speech (0.5)
- \_\_\_ Eng12/AP (1.0)

**Math** (4.0 credits)

- \_\_\_ Algebra 1 (1.0)
- \_\_\_ Geometry/Hon. Geo (1.0)
- \_\_\_ Algebra2/Hon. Algebra 2 (1.0)
- \_\_\_ Hon. Precalculus/Adv Math/Bus. Math (1.0)
- \_\_\_ AP Cal/AP Stats (1.0)

**Science** (3.0 credits, Honors Diploma 4.0)

- \_\_\_ Physical Science (1.0)
- \_\_\_ Biology/H Bio (1.0)
- \_\_\_ Chemistry/H Chemistry (1.0)
- \_\_\_ Honors Physics (1.0)
- \_\_\_ Honors Anatomy & Physiology (1.0)

**Social Studies** (3.5 credits, Honors Diploma 4.0)  
The state of Ohio requires 3.0 Social Studies credits, Dayton Christian requires an additional 0.5 credit for Current Social Problems.

- \_\_\_ World History (1.0)
- \_\_\_ American History (1.0)
- \_\_\_ Current Social Problems (0.5)
- \_\_\_ Government (0.5) **or** AP Gov. (1.0)
- \_\_\_ Personal Finance (0.5) **or** AP Microeconomics (1.0)
- \_\_\_ AP Macroeconomics (1.0)

**Physical Education** The Ohio Department of Education requires students to complete one of the following: 2 semesters of PE **or** participate in 2 seasons of high school athletics. Students must also complete one semester of health.

- \_\_\_ Health (0.5)
- \_\_\_ Physical Education 1 (0.25)
- \_\_\_ Physical Education 2 (0.25)

**OR**

- \_\_\_ Athletic Team
- \_\_\_ Athletic Team

___ PE Wavier Completed
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**Bible** (4.0 credits)

- \_\_\_ Bible 9 (1.0)
- \_\_\_ Bible 10 (1.0)
- \_\_\_ Bible 11(1.0)
- \_\_\_ Bible 12 (1.0)

**Fine Arts** (1.0 credits)

- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)

**Electives** (5.0 credits) World Language, additional art classes, industrial arts, J-term, etc.

- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)
- \_\_\_ \_\_\_\_\_ (0.5/1.0)

**Service Hours**

- \_\_\_ Grade 9: 20 hours
- \_\_\_ Grade 10: 30 hours
- \_\_\_ Grade 11: 30 hours
- \_\_\_ Grade 12: 30 hours