

# High School Course Catalog

2022/2023



**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  
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# Scheduling Process

## Steps to Schedule

### Step 1

**Review graduation requirements:** Refer to the graduation information requirements on this page.

### Step 2

**Review Course Catalog for offerings, prerequisites and course descriptions:** Pay special attention to prerequisites and other course requirements to avoid requesting courses that are not allowed.

### Step 3

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

### Step 4

**Complete a Graduation Checklist form:** Using your unofficial transcript complete your Graduation Checklist Form. This form can be found on page 33 or in DC Connect under Groups>Dayton Christian High School>Topics>DCHS Scheduling.

### Step 5

**Submit your course requests in DC Connect:** Select Course Requests from the toolbar at the top of the page and open the department to view and select the course. Once all selections have been made, click save.

### Step 6

**Turn in your paperwork:** Return your transcript and graduation checklist to the main office where you will be able to sign up for a scheduling appointment with your advisor.

## Schedule Changes

Requested changes made to the submitted schedule will be assessed a \$5.00 Drop/Add fee. Drop/Add will take place the week prior to and the first week of each semester.

Timely completion of the request process will guarantee greater access to course enrollments. Seating is limited for some courses.

Students should schedule for an 8-period day. Only one study hall period or aide period is permitted with the exception of seniors who may take one of each.

To determine if a course has a prerequisite, check the course description. (see pg. 7 for detailed information)

## Graduation Requirements

A total of 25 credits are needed for graduation. This includes the standard 20 credits required by the state of Ohio with an additional one credit in Bible for each year enrolled at DCHS.

The total required graduation credits for a DCHS student will fall between 22 and 25 depending on how many years a student is fully enrolled at DCHS.

For an honors diploma, students must also have at minimum three credits in foreign language, four credits of science, and four credits of social studies with 28 credits minimum overall. In addition, they must have an ACT score of 27 or higher or an SAT score of 1280 or higher.

Science coursework must include at least 1 physical science and 1 life science (biological science) credit along with one additional science credit.

Please see page 18 for information on how to complete physical education credit.

Current Social Problems is required to be taken on campus to meet graduation requirements.

Beginning with class of 2019, all students will need to earn at least one Fine Arts credit during grades 9-12.

## Expanded Academic Opportunities

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Online high school credit course options are available through our provider, **Ignitia Academy**. 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.

Online Dual Credit Enrollment (CCP) courses can be taken from our partnering CCP colleges and universities. Students can schedule library or computer lab time to accomplish this coursework. Higher education institutions charge tuition fees per course. Online College Credit Plus (CCP), and Dual Credit coursework require a high level of self-motivation and responsibility. Careful consideration should be given with regard to a student's learning style and discipline as these options are considered. All online coursework, dual enrollment, and CCP courses will be a permanent part of your transcript and will be calculated into your GPA.

## Academic Honor Calculations

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Grades earned in all subjects (grades 9 through 12) from courses taken through Dayton Christian High School (including Algebra 1 and Spanish 1 taken as an 8th grader) are used to compute the student's final rank in class and grade point average (GPA). Only courses on the Dayton Christian High School transcript will be calculated for GPA and class rank.

More challenging 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. There is an expected increase in rigor for these courses and AP courses require a fee for AP testing.

## Eligibility – Athletics and Fine Arts

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Students must pass 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

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All grades resulting in an "Incomplete" on a student's report card must be resolved within the normal time frame as explained in the make-up policy in the student handbook. Missing work after that time (unless an emergency situation exists) will be recorded as "0's" and the grade will be calculated.

According to OHSAA guidelines incompletes are calculated as an "F" regarding eligibility.

## Drop/Add Process

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During the first 5 school days of a semester a student may request a change (drop & add) in his/her schedule. 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. The designation will depend on the student's current grade average in the course.

After the 5th week of the course, a 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 completion of the term will be the grade that stands.

Withdrawal passing (WP) and withdrawal failing (WF) designations are not included in the 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. Withdrawal after the five-week mark in the fall will result in a W/F for both semesters.

There is a \$5.00 fee charged for changes made to each student's schedule, parent signature is required.

## Early Withdrawal

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Keep in mind that if your student must withdrawal from DCHS during the school year and/or if your student withdrawals prior to the end of a grading period, DCHS will release a current academic progress form to the school of transfer, but academic credit cannot be granted for a course 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 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>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=35/Jr=35/Sr=35
<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
<b>Total Credits</b>	<b>25</b>	<b>28</b>

# College Credit Plus (CCP) Program

## Program Overview

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The state of Ohio makes provision for talented high school students enrolled in chartered non-public high schools to take college courses at no cost to the student. Under this program, the student takes course work for both high school credit and college credit (dual enrollment). It is important for the students and their parents to realize that there are both advantages and disadvantages to participating in this program. This state program is known as College Credit Plus.

Taking CCP classes is a privilege that is earned and requires hard work to maintain. Taking college courses in high school is not for every student, even if the student meets the academic requirements. There are increased responsibilities for both the student and the parent. The very nature of the college grading system requires good honest communication between the parents and student. College professors are not required to notify parents if the student doesn't hand in homework or fails a test. If the added responsibility of CCP classes is accepted, increased communication between parents and the student is needed.

## Steps to Apply

### Step 1

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**Sign up for OH/ID account with the Department of Education:** Instructions can be found on the [Department of Education Website](#).

### Step 2

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**Apply to the college of your choice:** Students must first apply and be admitted by the college of their choice in order to participate in CCP. Students and parents should check the website of the college selected for specific eligibility base of grades and/or test scores. Acceptance letters need to be uploaded to the CCP portal on the OH/ID account.

### Step 3

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**Apply for Funding:** Students will need to apply for funding through the OH ID account before the funding deadline. [CCP Funding Application Manual and additional resources](#).

### Step 4

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**Register for Courses:** Once awards are made, students will be able to register for the college courses they intend to take. Some advanced CCP courses have prerequisite courses and grades. These are determined by the college.

# College Credit Plus (CCP) Program

## CCP Guidelines

During course registration each year, both students and parents must sign that they have read and adhere to the following. All steps below should be completed parents and students submit CCP documents.

According to the rules set forth for CCP by the Ohio Department of Education, should a student drop a CCP class for any reason after the no-fault drop date for that class, the parent assumes financial responsibility for the class. The state will not pay for a dropped class, and the parent will be required to reimburse the state for the class. Therefore, please discuss with your student this ramification and make sure that he/she is fully committed to a CCP class before signing up to take it.

The CCP courses will appear on the student's Dayton Christian High School transcript. In order to obtain a transcript of college course work and credits, the student must go to the respective college and request a transcript be sent. There is normally a charge for each college transcript. The Dayton Christian transcript will reflect only high school credits.

It is the goal of the CCP program to enable a student to complete many General Education requirements that would usually be taken at the college of their choice following high school. Throughout the history of offering post-secondary courses, we have found that the vast majority of colleges our students attend have accepted all credits. Realize, however, that we cannot guarantee that the college that the student attends will accept every credit.

## CCP Guidelines (cont.)

The CCP program does not require college instructors to send progress reports home to parents; thus, parents must communicate with their child on a consistent basis to monitor performance.

Parents must realize that it is the State of Ohio that funds the CCP program and that these funds are not guaranteed. The number of allotted credits will vary from year to year.

Read carefully this state of Ohio policy: "A student or the student's parent will reimburse the state for the amount of state funds paid to a college for a course in which the student is enrolled under CCP if the student does not attain a passing final grade in that course."

Courses taken through CCP will count toward the student's qualification for OHSAA eligibility. Students will be required to submit mid-term grades if necessary.

If you have any concerns, please contact your advisor

# Bible Department

## **Old Testament – 9<sup>th</sup> Grade (1.0 Credit)**

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Students in this yearlong required 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 of the Old Testament.

## **New Testament – 10<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 attention to key books and passages.

## **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 how they are similar to and differ from the Christian faith.

## **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.

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

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This course enables high school students to find an overriding purpose for their lives, equips them to make life decisions based on this purpose, and empowers them to develop this purpose into world-changing leadership. (Optional 1.0 dual enrollment credit through Ohio Christian University)

## **Western World Views – 12<sup>th</sup> Grade (0.5 Credit)**

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This one semester course examines the Christian worldview and surveys other major worldviews.

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

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In Christian Education, we often focus on Cognitive Development as a means of Spiritual Growth. This means that when we think of growing in our faith, what we often mean is learning new information. While learning new information about Christianity has its own invaluable place in our Spiritual Formation, it is not the only, or even the primary way to be Formed into the image of Christ. That is the ultimate purpose of this course—to learn and practice the process of being formed in Christlikeness. This course will not focus on learning information (although there will inevitably be elements of that), but rather on practice. 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 to introduce new ones into our life—always with the end goal that we would further uncover the Image of God within us.



# Business and Careers Department

## All Courses taught on DC Campus

### **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)**

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.

Please use Ignitia Academy online electives for additional business class options.

# Career Education Department

### **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.

# Fine Arts Department

## Visual Arts

### Art 1: Foundations in Art (0.5 Credit)

This course is a prerequisite for continuing in any other Fine Arts course and is a required semester entry-level course for all students to complete before moving on. Learning to observe and see things as an artist sees them will be the first step to creating beautiful works of art. Students will learn about the elements and principles of art and how they are used in being creative. Using various techniques, students will master the mediums of graphite, charcoal, soft pastels and oil pastels and learn how to critique artwork. Students will learn to create excellent and praiseworthy artwork to glorify God.

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

In this course a student will work with the more challenging drawing mediums of colored pencils and pen & ink. Creating quality portraits and the use of mixed media will also be part of the curriculum. Students will learn to create excellent and praiseworthy artwork to glorify God.

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

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.

### Honors Art 4: Portfolio (1.0 Credit)

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.

### Ceramics 1 (0.5 Credit)

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.

## **Ceramics 2 (0.5 Credit)**

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This course is a continuation of skill building in working with clay as an expressive medium. Students will continue to explore methods of hand building in clay, and will explore various clay bodies as they continue to experiment with the process of working in this medium. Students in Ceramics II will have the chance to practice and develop their skills in wheeling throwing that they briefly touched on in Ceramics 1. Students will further examine ceramic history and aesthetics as well as contemporary ceramic art. Assignments will include both functional and expressive sculptural work and students are encouraged to continue to move towards an individual approach and style in their ceramic art. Out of class work in the form of required sketchbook assignments and research, along with the student critiques, will provide feedback and strengthen students' skills in critical thinking and problem solving.

## **Performing Arts**

### **Band (1.0 Credit)**

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This course is open to any 9-12<sup>th</sup> grade student who possesses intermediate level proficiency on a band instrument. Band is dedicated to developing each student's musical talents for use in God's kingdom. The repertoire consists of both sacred and secular music. Commitment to out-of-school concerts is required.

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

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In this one semester 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. *(Prerequisite: audition, permission of instructor)*

## **Jazz Band (1.0 Credit)**

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This course is designed as a supplemental ensemble to the Concert Band. This class will serve as an introduction to the rich history of jazz music. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, the student will gain an understanding and appreciation for this great art form. Emphasis will be placed on not just performance technique, but also rudimentary improvisational skills, musicianship, and a sense of personal accountability. This ensemble is a skilled effort in which each student is expected to show technical and musical growth throughout this course. *(Prerequisite: permission of instructor)*

### **Concert Choir (1.0 Credit)**

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The emphasis in Concert Choir is 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. Concerts 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. *(Prerequisite: permission of instructor)*

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

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This course is open to any 9-12 grade students who possesses advanced level proficiency with vocal and/or instrumental music and is chosen after audition. The course is intended as preparation for outreach ministry and training. Activities will include much field work (concerts, etc.) in addition to classroom musical training. The commitment to the ensemble is J-Term and concerts for the calendar year. Students will be expected to pay for a uniform and send out support letters to fund their ministry trip. *(Prerequisite: audition and permission of instructor)*

## Media Arts

### Media Arts 1 (1.0 Credit)

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This class is designed to give you an inside look at the world of Media Arts. What is Media Arts? It is everything surrounding the topic of Media (Any form of mass communication) delivered in an artistic fashion. For example, photography, videography, spoken word, written word, graphic design, etc. We will be exploring several mediums of creating Media Art such as Photoshop (Ps), Illustrator (Ai), After Effects (Ae), Premiere Pro (Pr) as well as several mediums outside of the Adobe Suite such as Canva, Unsplash, VSCO, and more. Ultimately, the goal of Media Arts 1 is to show you how to use media rather than *used by* media. (*Prerequisite: Art 1*)

### Media Arts 2 (1.0 Credit)

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This class is designed to give you the tools necessary for the field of Media Arts. In Intro to Media Arts (MA1) we covered the basics of several mediums for creating media such as Photoshop (Ps), Illustrator (Ai), After Effects (Ae), Premiere Pro (Pr) as well as mediums outside of the Adobe Suite like Canva, Unsplash, and VSCO. This semester we will go even deeper into the world of Media Arts with photography, videography, voice overs, copywriting, and motion graphics to better prepare you in being a creator. (*Prerequisite: Media Arts 1*)

### Media Broadcasting (0.5 or 1.0 Credit)

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This course serves to create a working environment consisting of students who create and present a digital production of events occurring at Dayton Christian. The students involved in this class are given the rare opportunity to be part of the inner workings of DC such as: writing and reporting for DCTV, producing the State of the Union address from Dr. Gredy, producing HS principal messages, chapel broadcasting /chapel videos, learning skills necessary to announce sporting events and producing live DC pep rallies. Being part of Media Broadcasting is more than a class but instead adding

work experience to a resume. After successfully completing this program, students could walk into a filming studio and begin working with little instruction. If interested in joining the MB team students should complete an application.

### Digital Photography (0.5 Credit)

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This course is a traditional approach to photography with an emphasis on using the digital format camera. The students will experience the technical differences between the 35mm lens reflex camera and the digital camera by processing film/paper in the photo lab and then transitioning to digital cameras and photo processing software. Emphasis will be on creating photocompositions that demonstrate good layout and design principles. Lab activity will consist of experiences in black and white, color digital processing, cropping and resizing prints, retouching, mounting prints, inserting prints into other documents, and composing a photo essay. Students will be challenged to develop creativity, diligence, patience, and a cooperative spirit while working in lab activities. (*Prerequisite: Art 1*)

### Digital Design (0.5 Credit)

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This is a one semester class. You will use Adobe Creative Cloud and other digital tools to explore the art of digital design. Our focus will be on the application of the elements and principles and the design process to create designs that communicate specific meanings and meet specific needs. Students taking this course will build on their understanding of how visual design can affect many different aspects of our culture. We will be completing roughly 4 activities, 7 projects, 1 midterm project, 1 final project, and 2 enrichment assignments throughout the semester. You will be required to complete and turn in a “photo of the week” every week. You will also be expected to maintain a portfolio by uploading finished images to the internet. You must also upload audio and/or video self-critiques, along with other digital assignments that relate to this class. Students are also expected to write a process research paper over a famous digital artist.

# Language Arts Department

All DCHS English Language Arts courses are designed to develop students' breadth of knowledge and depth of understanding. Students will master the English language through reading, writing, speaking, and vocabulary acquisition. While many kinds of writing will be explored, the ultimate objective of the communication strand is the writing of persuasive literary analysis. Thus, students emerge from the course with intellects both versatile and comprehensive.

An underlying objective of the English department is to help students strengthen their biblical worldviews. We are therefore committed to enhancing our students' perspicacity and reasoning abilities. As we read and discuss our authors' approaches to the ultimate questions—those concerning the natures of God, man, and the human condition—which all great literature sooner or later runs into—we will model intellectual honesty, confident that the Christian worldview is repeatedly validated and buttressed by genuine inquiry, not by specious, straw-man arguments against non-Christian perspectives.

## English 9 (1.0 Credit)

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The Ninth-Grade Language Arts program 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, following EMC Publishing's program *Mirrors & Windows: Connecting with Literature, Level 4 (Common Core Edition)*. 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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The Tenth-Grade Language Arts program 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, following EMC Publishing's program *Mirrors & Windows: Connecting with Literature, Level 5. (Prerequisite: completion of English 9)*

## Honors English 10 (1.0 Credit)

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Honors ELA 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 or A+.)*

## **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)*

## **AP English 11 – Language and Composition (1.0 Credit)**

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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 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 10, 'B' or higher in Pre-AP English)*

## **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 12 - Literature and Composition (1.0 Credit)**

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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)*

**Modified English 9, 10, 11, 12 (1.0 Credit)**

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A modified course for students who need additional help and have been assigned by the Special Education Department.

# Mathematics Department

Recognizing that God is the Creator of the universe, and the Author and Creator of all true mathematical laws, all math courses focus on the basic concepts of the character of God inherent in the math system: orderliness, infiniteness, reliability, and immutability. These universal biblical principles apply to the study of math: God is the God of explicit order (1Cor. 14:40); He does not change; and He is the source of all knowledge, including mathematical knowledge (John 1:1-4). In addition, the principle of “sowing and reaping” applies to mathematical study, that is, a person will reap what is sown. Therefore, these courses will focus on developing positive character qualities such as resourcefulness, orderliness, discernment, wisdom, and creativity.

**TI-83 or TI84 calculators are required for Algebra 2 and higher courses.**

## Algebra 1 (1.0 Credit)

The student will develop an understanding of the Real Number System and how to reason quantitatively using limits 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. 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)

This one-year course is designed to develop student proficiency with logic, deductive reasoning, the formal definition and properties of figures, and geometric constructions. Students will apply mathematical skills in other content areas and practical situations. They will develop reasoning processes and skills to construct logical verifications or counter-examples to test conjectures and to justify and defend algorithms and solutions. 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.

## Honors Geometry (1.0 Credit)

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 definition and properties of figures, and geometric constructions. Students will apply mathematical skills in other content areas and practical situations. They will develop reasoning processes and skills to construct logical verifications or counterexamples to test conjectures and to justify and defend algorithms and solutions. 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: Algebra 1)*

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

---

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 calculators are required and taught. Note: TI-89 calculators cannot be used on the ACT test.  
*(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 graphing calculator required and taught. NOTE: TI-89 calculators are not allowed on the ACT exam. *(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 is recommended and taught. 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.

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

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These are modified courses for students who need extra help and have been assigned by the Special Education Department.

### **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 to Wright State as a CCP or Dual Enrollment Student)*

# Physical Education/Health Department

The Physical Education/Health Department attempts to help the student understand that the body is the temple of the Holy Spirit (1 Corinthians 3:16) and thus requires proper emotional and physical care. Emphasis is placed not only on physical conditioning, but also on encouraging godly attitudes toward one another rather than mere physical achievement, and helping the student embody the positive character qualities of self-control, fairness, and persistence.

## **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 I. 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 is a gender specific class that 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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The Board of Education of Dayton Christian School adopts the following policy to excuse/waive from the high school physical education requirement each student who, during high school, has participated in OHSAA sanctioned interscholastic athletics or cheerleading for at least two full seasons. Eligible students shall not be required to complete any Physical Education course as a condition to graduate. 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. Students cannot mix and match sports seasons and PE classes to meet the 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 PE waiver earned at Dayton Christian School. The district should count any non-PE credit the student earned as a condition for receiving the PE waiver while at DCS, but the student will still need to earn the required PE credit as required by the new district. DCS will only honor the full PE waiver granted by other school districts. *PE Waivers can be found on the Resource Board in DC Connect as well as the Guidance Office.*

# 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 demonstrate desired employee traits and job interview skills through mock interview scenarios and quarterly evaluations from the employer prospective. 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. Students will demonstrate desired employee traits and job interview skills through mock interview scenarios and quarterly evaluations from the employer prospective. Although students will be building personal project again, they will be evaluated for more complexity and higher skill levels than in Ind. Arts IV. The second semester student will set out and interview with actual employers in the trades. Students will also complete their Level IV Legacy Project\*. (*Prerequisite: Industrial Arts IV and interview of acceptance into class*)

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

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 hrs 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.

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

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.

# Science Department

Courses within the Science Department emphasize God and His wonderful creation. Teachers will help students recognize God as the Creator and Sustainer of everything (Colossians 1:5-17). The student will learn how and why things happen as they do in the world of matter and life around us from a godly perspective. We present a Creationist viewpoint in our teaching of origins and use it as a guideline in all our teaching. Man, in his totality - body, mind, and spirit - has been commanded by God to have dominion over His creation. To that end we must be involved in science. It is through the study of God's creation, discovering its laws and principles, that we will be enabled to fulfill the scriptural mandate to be good and faithful stewards of our earthly realm.

## **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.*)

## **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. This course is suitable for 9th grade students. (*Prerequisite: Physical Science and Algebra I; or an 'A' in 8th grade Science and an 'A' in 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 is suitable for 9th grade students who have a strong aptitude for science. (*Prerequisite: Completion of Algebra I with 'A' or higher and an 'A' or higher in Physical Science or 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)**

---

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 first-hand 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. *(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 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. *(Prerequisite: 'B' or higher in Biology or 'A+/A' in Honors Biology & completion of Chemistry or Honors Chemistry with a grade of B or higher)*

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

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This one-year physical science course is a modern approach to the study of force, motion, waves, heat, light, sound, optics, electricity and magnetism, atomic and nuclear physics 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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This is a modified course for students who need extra help and have been assigned by the *Special Education Department*. Courses are offered in alternating years.

# 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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---

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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)

# STEAM Department

## Science, Technology, Engineering, Art, and Math

### **Computer Science Discoveries (0.5 Credit)**

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Computer Science Discoveries 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.

### **Small Unmanned Aircraft Systems Drones (1.0 Credit)**

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This course will introduce students to the exciting new frontiers involving drones, or sUAS (Small Unmanned Aircraft Systems). Drones are being used in real estate, agriculture, mining, inspection, film & tv, law enforcement, fire science and are being tested for delivery services. Drone pilot positions are expected to grow by 70,000 jobs over the next three years! This course will introduce students the possible commercial uses of drones, and help prepare them to gain the skills and knowledge needed to be qualified for these jobs. Students will be provided with their own personal drone, and will learn basic flight controls. They will also learn how to fly safely and reliably. Finally, they will have opportunities to use drones to make videos and films and even fly some first-person drone races!

### **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 to Wright State as a CCP or Dual Enrollment Student)*

# 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)**

---

In this one-semester Pass/Fail course the student will learn the procedure for assisting the secretary 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 adult supervisor)*

## **Teacher Aide (0.25 Credit)**

---

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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Integration of Interpersonal, Interpretive, and Presentational Modes of Communication. Accomplish real-world communicative tasks in culturally appropriate ways while gaining familiarity with products, practices, and perspectives of American Deaf Culture. Use of grammar, vocabulary, structures, and spatial orientation to enable functional performance goals and to build a foundation for continued language learning. Generally, perform in the Novice range on the American Council of Teachers of Foreign Languages (ACTFL) Performance Scale.

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

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Integration of Interpersonal, Interpretive, and Presentational Modes of Communication. Accomplish real-world communicative tasks in culturally appropriate ways while gaining familiarity with products, practices, and perspectives of American Deaf Culture. Use of grammar, vocabulary, structures, and spatial orientation to meet functional performance goals and build a foundation for continued language learning. *(Prerequisite: ASL 1)*

## **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. An introduction to more advanced and authentic literature will happen towards the end of this level. 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 Honors Spanish 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. Several pieces of authentic Spanish literature will be read and discussed, students will write essays and a poem, and students will discuss various life scenarios in the target language. Biblical lessons and their spiritual applications are part of the vocabulary and grammar curriculum. *(Prerequisite: Spanish 3 with B or above, and permission of instructor)*

## **Honors Spanish 5 (1.0 Credit)**

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Honors Spanish 5 is a class that reinforces all language components learned in Spanish 1, 2, Honors Spanish 3 and Honors Spanish 4, but with an emphasis on increased oral and listening proficiency. While reading and written proficiency are still included as goals, oral and listening skills will be emphasized for the purpose of equipping students to function in the target culture. Areas to be examined in level 5 include: health / fitness / medical, church ministry, music, business, and art / design. The class will be primarily conducted in the target language. Students will read, listen to, and respond in writing and speaking to authentic materials relating to each topic. Biblical lessons and their spiritual applications are included as they relate with unit studies. *(Prerequisite: B (85%) average or higher in Spanish 4)*

# 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

## Club & Activities

- Chess Club
- Aviation Club
- Speech and Debate
- DC Studio and Broadcasting
- Marching Band
- Yearbook Club



# Appendix

Math Tracks				
Grade	<b>6</b>	Math 6	Math 6	Math 6
Grade	<b>7</b>	Math 7	Math 7	Math 7
Grade	<b>8</b>	Algebra 1	Math 8	Math 8
Grade	<b>9</b>	(H) Geometry	Algebra 1	Algebra 1
Grade	<b>10</b>	(H) Algebra 2	(H) Geometry	Geometry
Grade	<b>11</b>	(H) Pre-calculus	(H) Algebra 2	Algebra 2
Grade	<b>12</b>	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 move from one track to another based on grades achieved in their prior courses. These are just 3 possible tracks under our math program.

<b>Science Progressions</b>			
<b>Grade</b> <b>9</b>	<table border="1"> <tr> <td><b>(H) Biology</b></td> <td><b>Physical Science</b></td> </tr> </table>	<b>(H) Biology</b>	<b>Physical Science</b>
<b>(H) Biology</b>	<b>Physical Science</b>		
<b>Grade</b> <b>10</b>	<table border="1"> <tr> <td><b>(H) Chemistry</b></td> <td><b>Biology</b></td> </tr> </table>	<b>(H) Chemistry</b>	<b>Biology</b>
<b>(H) Chemistry</b>	<b>Biology</b>		
<b>Grade</b> <b>11</b>	<table border="1"> <tr> <td><b>(H) Anatomy &amp; Physiology</b></td> <td><b>Chemistry</b></td> </tr> </table>	<b>(H) Anatomy &amp; Physiology</b>	<b>Chemistry</b>
<b>(H) Anatomy &amp; Physiology</b>	<b>Chemistry</b>		
<b>Grade</b> <b>12</b>	<table border="1"> <tr> <td><b>(H) Physics</b></td> <td><b>Optional</b></td> </tr> </table>	<b>(H) Physics</b>	<b>Optional</b>
<b>(H) Physics</b>	<b>Optional</b>		

Note: Students in science classes must meet the course prerequisites for each consecutive science course. You must have 3 science credits to graduate with 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) Algebra	Pre-AP English 2
(H) Geometry	(H) American History
(H) Pre-Calculus	Spanish 3
(H) Physical Science	Spanish 4
(H) Biology	Art 3
(H) Chemistry	Art 4
(H) Anatomy & Physiology	Resounding Joy
(H) Physics	

### AP Courses

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

# Graduation Checklist

Subject	Credits	Course Choices	
<b>English</b>	4.5	1.0	<input type="checkbox"/> English 9
		1.0	<input type="checkbox"/> English 10
		1.0	<input type="checkbox"/> English 11/AP Language and Composition
		1.0	<input type="checkbox"/> English 12/AP Literature and Composition
		0.5	<input type="checkbox"/> Speech
<b>Mathematics</b>	4.0	1.0	<input type="checkbox"/> Algebra 1
		1.0	<input type="checkbox"/> Geometry/Honors Geometry
		1.0	<input type="checkbox"/> Algebra 2/Honors Algebra
		1.0	<input type="checkbox"/> Honors Pre-Calculus/Advanced Math Concepts
		1.0	<input type="checkbox"/> AP Calculus
<b>Science</b>	3.0 4.0(H)	1.0	<input type="checkbox"/> Physical Science/Honors Physical Science
		1.0	<input type="checkbox"/> Biology/Honors Biology
		1.0	<input type="checkbox"/> Chemistry/Honors Chemistry
		1.0	<input type="checkbox"/> Honors Anatomy & Physiology
		1.0	<input type="checkbox"/> Honors Physics
<b>Social Studies</b>	3.0 4.0(H)	1.0	<input type="checkbox"/> Modern World History
		1.0	<input type="checkbox"/> American History
		0.5	<input type="checkbox"/> Current Social Problems
		0.5/1.0	<input type="checkbox"/> Government OR AP US Government
		0.5/1.0	<input type="checkbox"/> Personal Finance OR AP Microeconomics
<b>Physical Education</b>	1.0	0.25	<input type="checkbox"/> Option A: Two years of Physical Education
		0.25	<input type="checkbox"/> Option B: Two years of Athletic Team Participation
		0.5	<input type="checkbox"/> Health
<b>Bible</b>	4.0	1.0	<input type="checkbox"/> Old Testament/New Testament
		1.0	<input type="checkbox"/> Life of Christ/Comparative Religions
		1.0	<input type="checkbox"/> Apologetics/Life Calling
		1.0	<input type="checkbox"/> Western Worldviews/Marriage & Family
<b>Fine Arts</b>	1.0	0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
<b>Electives</b>	5.0 8.0(H)	0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
		0.5/1.0	<input type="checkbox"/>
<b>Total Credits</b>			