



**HIGH SCHOOL
COURSE DESCRIPTION**

2020-2021



EAST DAYTON CHRISTIAN SCHOOL

**999 Spinning Road
Dayton, Ohio 45431
www.eastdaytonchristian.org**

EAST DAYTON CHRISTIAN HIGH SCHOOL INTRODUCTION

This Course Description Handbook is designed to serve as the primary resource in planning for graduation. Please study it carefully and use it for reference. All questions should be directed to the EDCS administration.

1. East Dayton Christian offers an excellent academic program designed to prepare students for graduation.
2. East Dayton Christian is chartered by the Ohio Department of Education and exceeds graduation requirements set forth by the State of Ohio.

Graduation Requirements Class of 2021 and beyond:

Earn a minimum of 20 credits (EDCS requires a minimum of 24 credits, plus one (1) Bible credit is required for each year of enrollment at EDCS:

- Four credits (years) in English
- Four credits (years) in Mathematics
- Three credits (years) in Science
- Three credits (years) in Social Studies (American History, World History, Current Social Problems, Government and Economics required)
- One-half credit in Physical Education (2 classes that are 1/4 credit each) or Alternative P.E. (2 seasons of the same sport)
- One-half credit in Health
- One-half credit in Oral Interpretation (Speech)
- One credit in Technology (Google Applications is required)
- Two credit in Foreign Language (**EDCS requirement**)
- One credit in Fine Arts
- Earn five credits in elective courses)
- Courses that include a lab may have graduation credits adjusted

Complete 20 service hours each year enrolled at EDCS.

STATE OF OHIO PATHWAYS TO GRADUATION

1. Ohio's State Tests

Students need to earn a cumulative passing score of 18 points, using seven end-of-course state tests. To ensure students are well rounded, they must earn a minimum of four points in Math, four points in English and six points across Science and Social Studies. Students can earn scores of 1, 2, 3, 4, or 5 on end of course exams.

End-of-course exams are:

- Algebra I and Geometry or Integrated Math I and II
- Biology
- American History and American Government
- English I and English II

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in Biology, American History or American Government may take and substitute test scores for end-of-course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in American History and American Government for end-of-course state exams.

2. College and career readiness tests

EDCS will administer the ACT to all juniors during the spring of the academic year. There is no fee for this assessment.

ACT

English - 18 or higher
Mathematics - 22 or higher
Reading - 22 or higher

SAT

Writing - 430 or higher
Mathematics - 520 or higher
Reading - 450 or higher

SCHEDULING

Students are required to schedule seven class periods per semester to earn the needed credits toward promotion and graduation. It is recommended that students schedule one study hall daily unless a student is taking a science lab, online course or another class that meets only 2 or 3 times per week. All students must carry a full schedule, even if they have met all graduation requirements.

New Students

After you are accepted into EDCS, please contact the school office to make an appointment with the Scheduling Coordinator to select courses based on your report cards, transcripts, standardized test results, and teacher recommendations.

Schedule Change Policy

There are many steps that make up the scheduling process, which takes many months to complete. **Therefore, any requests for schedule changes must be within the 1st week of the new semester. No change requests will be processed unless a proper form is filled out and approved by the scheduling coordinator. This includes honor courses.**

POLICY FOR GRANTING CREDIT FOR PREVIOUS EDUCATION & TRAINING

Students who enroll at EDCS as a transfer from another institution will receive credit for those courses detailed on an official transcript from the previous institution, provided that institution has been accredited and certified. A prospective student who wishes to transfer to EDCS will be required to provide the means to acquire those credits from the previous institution. The transcript needs to be signed and sealed with an affixed stamp, in order for the transfer of credits to be finalized.

Home Schooled students wishing to enroll at EDCS will need to provide a transcript as outlined in the above paragraph, as well as verification of Home School certification from either the resident public school district or affiliated Educational Service Center

INCOMPLETE WORK

All grades resulting in an “Incomplete” on a student’s report card must be resolved within three weeks of the next grading period. Missing work after that time (unless an emergency situation exists) will be recorded as “O’s” and the grade will be calculated based on that score.

EARLY WITHDRAWAL

For those students who transfer during the school year, **provided all fees have been paid**, EDCS will issue a current academic progress report to the school of transfer, but academic credit cannot be granted for coursework that has not been completed.

LAB FEES

All course lab fees must be paid with separate checks made out to East Dayton Christian. Lab fees are nonrefundable

HONORS PROGRAM

Honors classes are available in 9-12 grades. Students must have at least a 3.0 GPA and an average of an A- in the previous class in that subject area to be considered for Honors Classes.

Benefits of Honors Courses

- **College admission.** Enrolling in the honors program at EDCS signals to colleges that you are serious about academics, and that you will continue to challenge yourself in college.

- **College credit.** Students may also be exempt from taking certain required college courses. This can save significant time and money on the road to college graduation.
- **College readiness.** Being accustomed to a high level of challenge and a fast pace will prepare you well when you are enrolled in college.

OHIO DIPLOMA WITH HONORS REQUIREMENT

In order for a student to receive an Ohio high school academic diploma with honors, they must meet 7 of 8 required Ohio Department of Education criteria listed below:

- English – 4 units
- Mathematics – 4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content.
- Science – 4 units, including Physics and Chemistry
- Social Studies – 4 units
- Foreign Language – 3 units, including at least 2 units in each language studied
- Fine Arts – 1 unit
- Grade Point Average – 3.5 on a 4.0 scale
- ACT / SAT Score (excluding scores from the writing sections) – 27 ACT / 1210 ACT

COLLEGE CREDIT PLUS (See the Guidance Counselor for details) Ohio's College Credit Plus can help you earn college and high school credits at the same time 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. There is no cost for tuition, books, or fees. Students who choose to attend a private college or university, may have limited fees associated with the enrollment. There are no tuition costs or fees associated with students enrolled in College Credit Plus at a public institution.

Visit the School Website at www.eastdaytonchristian.org under the Guidance tab for more detailed information or talk to your guidance counselor.

<https://www.ohiohighered.org/ccp>

College Credit Plus is a dual credit program. Make an appointment with your guidance counselor or the principal to see what college courses will transfer to cover your high school requirements. EDCS requires that College credit taken in the place of high school Science or History must be from a Christian College.

Credits for College Credit Plus courses will be placed on your high school transcripts once the guidance department receives notification of the final course grade from the college in which you are enrolled.

NATIONAL HONOR SOCIETY

The National Honor Society is a nationally recognized program that was first established in 1929. The NHS is currently found in public and private schools in every state as well as international schools. The NHS chapter of East Dayton Christian was founded in 2011.

This academic club offers students an opportunity to involve chapter members in significant learning experiences, especially in the area of service. Students who are interested must have the required GPA of at least a 3.0 in order to be invited to apply for membership. Students then complete an application to demonstrate their excellence in the areas of scholarship, leadership, service, citizenship, and character. Their application goes to the NHS committee for review. The induction ceremony takes place each spring of the academic year.



STUDENT GOVERNMENT ASSOCIATION

The purpose and ideal of the East Dayton Christian High School Student Government Agency is to provide able students with the opportunity to develop leadership skills, to build a compassionate community for all students, to grant students with a level of freedom and responsibility in their school lives, and to further promote the ideals and goals of East Dayton Christian School.

VALEDICTORIAN

The graduating senior who has the highest class rank based on the seventh semester grade point average will be awarded the Valedictorian medal.

GRADUATION

Senior Fees are \$100.00. This includes: diploma w/ cover, awards, and senior breakfast. Graduation kits (Invitations, Thank You Notes) are not included.

Seniors will receive a diploma cover at graduation but not their diploma. This process ensures that all graduation requirements have been met. Diplomas will be mailed home.



SUMMER SCHOOL WITH IGNITIA

WANT TO GRADUATE EARLY? NEED CREDIT RECOVERY? WE HAVE A SOLUTION!

East Dayton Christian School offers a fully online, accredited summer school program. By using Ignitia, we hope to meet the needs of students. Some students may plan on graduating early to pursue their calling. Others may need a credit recovery option to stay on track to graduate. Another student may want to take an elective not offered during the school year. Whatever the reason, EDCS and Ignitia is the solution.

WHAT IS IGNITIA

Ignitia is a web-based learning environment featuring a media-rich, online curriculum for grades 3-12. This web-based curriculum can be accessed through any internet connection and browser using a personal computer or Mac. Ignitia has a diverse, vibrant mix of entertaining lessons, assignments and quizzes. Fun-filled lessons are created to captivate students' attention and engage them in learning. Interactive learning games, web links and off-computer projects create opportunities for in-depth study. Ignitia is designed by Alpha Omega Publishing, which has long been a leader in quality Christian curriculum. The courses are well-organized and the software is relatively easy to navigate. Students will be assigned to an Ignitia orientation course when they first sign up that will show them how to navigate the system. Parents are also given information to log on to check their student's progress in their course(s).

HIGH SCHOOL COURSES OFFERED

Bible – Christian Faith and Learning, Bible Doctrine, Old Testament, New Testament

Language Arts – English I, English II, English III, English IV

Mathematics – Integrated Math I, Consumer Math, Algebra I, Algebra II, Geometry, Pre-Calculus, Calculus

Science – Health, Earth Science, Biology, Chemistry, Physics

Social Studies – World Geography, World History, American History, Government, Economics

Foreign Languages – Secondary French I-III and German I-III

Electives – American Literature, British Literature, Business, Financial Literacy, Civics, Civil War, Vietnam Era, Music Appreciation, Speech

PRICING OPTIONS

High School Credit Recovery/Electives

\$170/Semester Course

\$340/Full Year Course

BIBLE

The goal of the Bible program is to help students obtain a biblical worldview so that they may apply that view to all areas of learning throughout their life. The curriculum is designed to give the student a working knowledge of the Bible and to help develop critical thinking skills. Included are methods of Bible study, surveys, practical application, scripture memorization, and family living.

FOUNDATIONS OF THE BIBLE (1 credit) Required for freshman

Text – S1 *Live fully by Brian Burchik*

- This course introduces students to biblical concepts.
- The textbook communicates deep truths in a more conversational tone, allowing students to grab hold of the ideas and relate to them more easily.

Text - S2 *Blueprints by Brian Burchik*

- This course is about empowering students to build a life of godliness that sustains over the course of a lifetime. The curriculum aims to orient students' lives, bringing clarity to their present while also casting a hopeful but realistic vision for their future as followers of Christ. Combining biblical theology with research and insights from other disciplines such as psychology, sociology, and neurology, Blueprints walks students through the major phases of life, and the specific opportunities and challenges of each phase

NEW TESTAMENT (1/2 credit)

Text – *Connecting with God, New Testament survey – ACSI Purposeful Design, 2013, 3rd edition*

- This course gives an overview of each of the books in the New Testament.
- Through exercises, discussions, and enrichment activities students will have a solid understanding of each New Testament book.

OLD TESTAMENT (1/2 credit)

Text – *Journeying with God, A survey of the Old Testament – ACSI Purposeful Design, 2008.*

- This survey course gives students an overview of each of the 39 books of the Old Testament.
- A strong emphasis in this course is helping students see the “big picture” perspective as they study how God has worked through His people to carry out His plan of salvation.

C.S. LEWIS AND HIS WRITINGS (1/2 credit)

Text – *The C.S. Lewis signature classics, Harper One publications*

- Students will be introduced to six writings from C.S. Lewis: Mere Christianity, The Screwtape, Letters, A Grief Observed, The Problem of Pain, Miracles, and The Great Divorce.
- Students will see through these writings to seek wisdom and calm in a hectic and ever-changing world. Each volume is written with the lucidity, warmth, and wit that has made Lewis revered as a writer the world over.

FAMILY CHRISTIAN LIVING (1/2 credit) Required for graduation – typically a sophomore or junior class

Text – *Family Life Skills, Bob Jones, 2004*

- Students learn the importance of purity to God and developing Christian relationships
- Understanding the roles and principles that make a happy marriage
- How to let God be the center of your life and future family

APOLOGETICS (1/2 credit) Required for graduation – typically a sophomore or junior class

Text – *On Guard, defending your faith with reason and precision – David C. Cook publication, 2010*

- This course is geared to help Christians stand their ground and defend their faith with reason and precision.
- Four arguments for God's existence, defends the historicity of Jesus' personal claims and resurrection, addresses the problem of suffering, and shows why religious relativism doesn't work.

UNDERSTANDING THE TIMES (1 credit) Required for all seniors

Text – *Understanding the Times 2nd Edition, Summit Press, 2006*

- Examine and study major worldviews

- Develop a Biblical foundation in which to live.

FILM & THEOLOGY (1/2 credit)

Text - *Bible*

- This class endeavors to move from amusement from media to engagement with culture. By examining media of all different genres, students will be able to get a grasp on not just how to consume media, but how to think about the media viewed through a Christian lens. This class specifically will consist of viewing, discussing and exploring modern media with the intent of applying biblical principles to our responses.

COMPUTER/TECHNOLOGY

Students are challenged by the computer department to display godly wisdom, character, and stewardship in the area of technology. Teachers will reinforce the importance of using God's gift of language to glorify God in all computer classes. Students are expected to show punctuality, respect for authority, and cooperation.

GOOGLE APPLICATIONS (1/2 credit) Required for graduation

Text – Learning-by-Doing: Google Docs, iAcademy

- Google Docs uses school and workplace-themed lessons to introduce students to the powerful tools and features of Google Docs. Each new set of Google Docs skills are clearly explained using a step-by-step format that makes learning come to life for the student.
- This web-based title is designed to be used by students enrolled in a computer applications course that includes using Google Docs in its curriculum. The lessons in this book build upon one another where skills and features are presented in an order ranging from basic to intermediate.
- The following Google Apps are covered: Google Drive, Docs (Word Processing), Sheets (Spreadsheets), Slides (Presentations), Forms (Online Survey Forms), and Drawings (Illustration/Drawing).

VISUAL DESIGN (1/2 credit)

No textbook - Adobe Creative Suites 5.5 Extended Edition Software will be used.

- The objective of this course is to aid the student in the process of developing an understanding of Visual Design, the aspects of, and the core components of Graphic Design. The student will work with Adobe CS5 Design Suite on Windows-based computers. This will primarily be a lab-based environment with many days of self-directed project work time, interspersed with the occasional lecture.

➤ Lab fee \$25.00

YEARBOOK (1 credit)

Prerequisite: Photography (½ or 1 credit) OR Permission from Instructor after a student interview is conducted.

- Students in this class will be members of the yearbook production staff. The course is designed to expose the student to the skills of photography editing and page production. It will also assist him/her in acquiring the skills necessary to meet the demands of a production schedule and a publication deadline. Students will work in teams to complete an 80-page yearbook ON TIME!

➤ Lab fee \$25.00

PHOTOGRAPHY I & II (1/2 credit each)

- This course is designed to introduce the student to basic black & white art photography. The first part of the course concentrates on the different aspects of photography and related terminology. After the basic introduction, the course explores photographic composition rules. Throughout the course, students will apply what they learn through the completion of several photographic projects.

➤ Lab fee \$25.00 -- *Use of cameras will not be permitted without signed camera contract & paid lab fee.*

FINE ARTS

The Fine Arts Department endeavors to provide opportunities for students to worship and glorify God and to develop their God-given abilities and talents in the Arts.

No textbooks are used for fine arts classes, except Art History. Various musical selections are chosen by the faculty in charge of each area.

ART (1/2 credit)

- Using various mediums, students are encouraged to build upon the art skills acquired in the previous grades, as well as to learn areas of art that can be applied to a vocation.
- Skills we work on:
 - ✓ Making recognizable line drawings.
 - ✓ Experiment with the elements of art; line, shape, value, as well as perspective and color.
 - ✓ Demonstrate knowledge of the color wheel and its purpose.
 - ✓ Create a portfolio of work showing student progression through the course.

➤ Lab fee \$25.00

ART HISTORY (1/2 or 1 credit)

Text - *Discovering Art History 4th Edition, Davis Publications, Inc.*

- This course is designed to help students understand visual arts and their place in history and culture through reflection and assessment of various works of art. A study of art history, aestheticism, art criticism and evaluation, and participation in creative activities are all vital components of the Art History course.

➤ Lab fee \$25.00

BAND (1/2 credit)

Prerequisite: Intermediate level proficiency on a band instrument /permission of instructor

- Repertoire will consist of both sacred and secular music. Students must be committed to in and out-of-school concerts.

CONCERT CHOIR (1/2 credit)

Prerequisite: Students are subject to instructor approval

- Emphasis is placed on the development of vocal technique such as tone, blend, diction, and breath support. Concerts are scheduled in which students are tested on memorization as well as the opportunity to express music and praise God. Music may include English and foreign languages.
- Students must adhere to Music & Worship Arts integrity standards or risk being removed from the ensemble and lose high school credit.

DRAMA (1/2 credit)

- This course is designed to offer students experience in beginning acting skills and leadership.
- Students will prepare skits and dramas for chapels and school programs.

➤ Lab fee \$25.00

MUSIC APPRECIATION (1/2 credit)

Text - *The World of Music, Seventh Edition by David Willoughby*

- Students will increase their listening skills, learn to critique and analyze music, and understand the development of music throughout history.
- Students will immerse themselves in various forms of music and actively respond. Students will learn to clearly develop and communicate observations and opinions about music in writing.

MANUAL FILM PHOTOGRAPHY AND DARKROOM PROCESS (1/2 credit)

- Students in this course will focus their artistic efforts within the medium of manual film photography & darkroom processes such as developing film & printing images in the darkroom.

FOREIGN LANGUAGES

We believe that Christians have the mandate to share the Gospel message of Jesus Christ to all nations (Matt. 28:19-20). Learning a foreign language is a step toward fulfilling this mandate. While learning a foreign language the student will be encouraged to consider a missions opportunity and learn to share his testimony in that language.

SPANISH I (1 credit) Required for all freshman

Text – *Realidades I*, 2008, Pearson-Prentice Hall

- This course teaches the basic knowledge of vocabulary, grammar, structures, and concepts of the Spanish language. Knowledge gained will be used in speech, comprehension, reading and writing.

SPANISH II (1 credit)

Text – *Realidades II*, 2008, Pearson-Prentice Hall

- Spanish II teaches the development of speaking, listening, reading, and writing skills. Daily conversation is stressed along with more exact pronunciation and advanced writing skills.

HONORS SPANISH III (1 credit) Optional

Text – Online Foreign Language program.

OTHER FOREIGN LANGUAGE OPPORTUNITIES

Students also have the option of taking Online Foreign language courses. Students at EDCS have taken French and German through this opportunity. If you are interested in pursuing this option, please make an appointment with the Principal to learn more about this program. However, students must apply by March of the previous year.

LANGUAGE ARTS

Courses will strive to give students an understanding of the importance of being Christ-like in the area of clear communication. All Language Arts courses emphasize the integration of writing, reading, speaking, and listening with the goal of glorifying God.

ENGLISH 9 (1 credit) Honors offered

Text – *Handbook of Grammar & Composition, Abeka*

- Curriculum will follow the state standards per grade while with integration of a Biblical worldview.

ENGLISH 10 (1 credit) Honors offered

Text – *Handbook of Grammar & Composition, Abeka*

- Curriculum will follow the state standards per grade while with integration of a Biblical worldview.

ENGLISH 11 (1 credit) Honors offered

Text – *Handbook of Grammar & Composition, Abeka*

- Curriculum will follow the state standards per grade while with integration of a Biblical worldview.

Text – *American Literature, 3rd edition, Bob Jones Publication*

- Students will improve close-reading skills with questions during reading that focus on the three strands of study: Analyze, Read, and Evaluate.

ENGLISH 12 (1 credit) Honors offered

Text – *Handbook of Grammar & Composition, Abeka*

- Curriculum will follow the state standards per grade while with integration of a Biblical worldview.

Text – *British Literature, 2nd edition, Bob Jones Publication*

- Students will analyze individual authors and their works in historical and cultural context. This broadens the student's world, enabling them to understand the ideas and writings of noted literary and historical figures and to apply biblical criteria when evaluating the beliefs espoused by such figures.

SPEECH (1/2 credit)

Text – *Sound Speech, 2012 Bob Jones Publication*

Required course

Prerequisite: Junior or Senior

- This course includes discussion of the communication process, audience analysis, and public speaking guidelines.
- This course Involves topic choice, research, organization, and effective communication. Speaking projects include introductions, interviews, demonstrations speeches, declamations, informative speeches, devotional speeches, and persuasive speeches.

WORLD LITERATURE (1 credit)

Elective Course

Text – *World Literature, 2008 Pensacola Christian College,*

- British literature from the Anglo-Saxon authors to the present age will be presented in the context of reading, writing, speaking, and listening. Students will explore literary criticism that uses a biblical filter system to evaluate truth.

MATHEMATICS

ALGEBRA I (1 credit)

Curriculum – *Algebra I* by Gina Wilson.

- Standards-based curriculum using guided notes and worksheets aligned with the Ohio State Standards.
- This course is the foundation of all secondary mathematics study. The scope and sequence for Algebra begins at the fundamental and basic algebraic requirements for the eighth-grade student. One-step to five-step equations will include both fractions and decimals. Other topics will include inequalities, relations, functions, linear equations (including graphing), direct and inverse relations, systems of equations and inequalities, exponential functions and quadratic functions.

GEOMETRY (1 credit) Honors offered

Curriculum – *Geometry* by Gina Wilson.

- Standards-based curriculum using guided notes and worksheets aligned with the Ohio State Standards.
- Geometry is the mathematical study of the properties of lines, angles, planes, circles, polygons and solids. This study includes logic, how to think linearly, how to substantiate ideas with solid reasoning, and the creation of proofs. Algebra is integrated heavily throughout the course.

ALGEBRA II (1 credit) Honors offered

Curriculum – *Algebra II* by Gina Wilson.

Prerequisite: Algebra I and Geometry

- Standards-based curriculum using guided notes and worksheets aligned with the Ohio State Standards.
- Algebra II is a continuation of the study of Algebra. Each topic from Algebra I is studied more deeply and expanded to include new adjacent topics, such as complex numbers, systems with three variables, quadratic equations, polynomials and logarithmic functions. A TI -84 CE graphing calculator is used consistently for this class (and is allowed on state tests, the SAT and the ACT).

STATISTICS (1 credit)

Text – *Elementary Statistics: Picturing the World*, 2009, Pearson-Prentice Hall

Prerequisite: Algebra I, Geometry, Algebra II

- Statistics concentrates on recognizing and interpreting data to enable good decision making. This course will cover probability distributions, binomial distributions, geometric distributions, and normal distributions. Students will be able to calculate and interpret the mean, median, mode, variance, standard deviation and z-scores for various data sets. A TI -84 CE graphing calculator is used extensively for this class (and is allowed on state tests, the SAT and the ACT).

TRANSITION TO PRE-CALCULUS (1 credit)

Curriculum -- Standards-based curriculum using guided notes and worksheets aligned with the Ohio State Standards.

Prerequisite: Algebra I, Geometry, Algebra II

- This course bridges the gap from Algebra II to traditional Pre-Calculus by teaching the same concepts but at a reduced pace while incorporating more review and practice. Topics include analyzing graphs of polynomial functions, computing complex numbers, solving exponential and logarithmic functions, and trigonometry. A TI -84 CE graphing calculator is used extensively for this class (and is allowed on state tests, the SAT and the ACT).

HONORS PRE-CALCULUS (1 credit)

Curriculum -- *Pre-Calculus* by Gina Wilson

Prerequisite: High performance in Algebra I, Geometry, Algebra II, and teacher recommendation

- Standards-based curriculum using guided notes and worksheets aligned with Ohio State Standards.
- Honors Pre-Calculus is designed to prepare students to be successful in calculus and covers topics necessary as a foundation to that capstone class. Topics include analyzing graphs of power, polynomial, and rational functions,

computing complex numbers and radicals, solving exponential and logarithmic functions, graphing polar and parametric equations and the study of trigonometry. A TI -84 CE graphing calculator is used extensively for this class (and is allowed on state tests, the SAT and the ACT).

HONORS CALCULUS (1 credit)

Curriculum -- APTM-Aligned Calculus by Anthony Record, veteran grader of APTM Calculus tests

Prerequisite: Honors Pre-Calculus

- Calculus is devoted to topics of differentiation and integration of a variety of functions, such as polynomial functions, exponential functions, logarithmic functions and trigonometric functions. A great deal of focus will be on solving application questions, which branches into the field of physics. A TI -84 CE graphing calculator is used extensively for this class (and is allowed on state tests, the SAT and the ACT).
- This course is designed to prepare students to perform well on the APTM Calculus test, which is a nationally-recognized test. Most colleges offer credit to students based on their performance on this test.

BUSINESS MATHEMATICS (1 credit)

Text – *Business Mathematics in a Christian perspective, 2012, Abeka Book Publications*

Prerequisite: Algebra, Geometry, Algebra 2

- Introduces students to the math needed to operate a business and successfully manage family finances, while teaching godly attitudes toward finances and work responsibilities.

NON DEPARTMENTAL REQUIREMENTS

CAREER SEARCH (1/2 credit)

Text – *RealCareer employability skills program, realityworks.com*

Required as a sophomore second semester or Junior first semester

- This course gives the student a hands-on experience in vocational research. Students will explore a variety of vocations, courses of study, and fundamentals of career planning throughout the semester. This class will involve career guidance, on-site job shadowing, and extensive research evaluating and gathering information regarding possible career field.
 - Students will spend additional time charting 5-year plans, completing interest and aptitude assignments, and preparing resumes for a mock interview.
- Lab fee \$25.00

LIFE SKILLS (1/2 credit)

- This course will teach the basics of household management and maintenance, self-care and life-skills, as well as an introduction into societal etiquette, not covered in Career Search or Health Classes. Each of these topics (i.e. sewing, cooking, home/tire-repair, clothing choices, etc.) will include practical hands-on knowledge and how to find the right help whenever needed. As many of the items require knowledge of household maintenance, we will adapt some learning to items around the school but students will also be asked to showcase their knowledge at home and report back on how it went throughout the semester.

PSYCHOLOGY (1/2 credit)

Text - *Psychology: A Christian Perspective, 2011, Tim Rice*

- This course will teach the basics of human psychology from the Christian perspective. As with many social sciences, this course will focus on psychological theory and the scientific methods used to test those theories. Students will come to understand the science behind why individuals make certain decisions or exhibit certain behaviors. This understanding will help them know how best to reach others in their quest to share the Gospel.

SCIENCE

All courses recognize God as the Creator and sustainer of everything (Colossians 1:5-17). The student will learn how and why things happen in the world of matter and life around us from a biblical perspective. Through the study of God's creation, discovering its laws and principles, we are able to fulfill the scriptural mandate to be good and faithful stewards on this earth.

PHYSICAL SCIENCE (1 credit) Honors offered Required for freshman

Text – *Physical Science, Bob Jones Publication*

- This course is an exciting and engaging introduction to the world of Science. Designed for the 9th-grade level, it provides an essential foundation for subsequent science courses, including Biology, Chemistry, and Physics. The course builds a foundation of basic knowledge regarding matter and measurements, then furnishes the student with the key principles and scientific laws of classical physics, thermodynamics, electricity, magnetism, sound, light, and optics.

BIOLOGY (1 credit) Honors offered

Text – *Biology 4th Ed., Bob Jones Publication*

Required for sophomores

Prerequisite: Physical Science

- This course shows the student God's power and glory in creation as they learn about cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy.
- Students are pointed to Scripture as the ultimate authority and are encouraged to develop a biblical perspective about these topics.

➤ Lab fee \$25.00

CHEMISTRY (1 credit) Honors offered

Text – *Chemistry: 4th ed., Bob Jones Publication*

Prerequisite: Algebra 1, Physical Science, Biology

- Chemistry provides students the tools to build an understanding of atomic structure, chemical composition, chemical reactions, semiconductors, and nuclear chemistry.
- Students will put these tools to work in different fields of chemistry. Included are ways that demonstrate to the student the impact that chemistry has in our world and to wisely use God's world to glorify Him. This course will help students to think through common debates among scientists.

➤ Lab fee \$25.00

PHYSICS (1 credit) Honors offered

Text – *Physics: 3rd ed., Bob Jones Publication*

Prerequisite: Algebra I, Geometry, Chemistry

- Physics introduces students to the world of forces, movement, mechanics, and energy in an engaging and clearly written style. It also lays the foundations of electricity, magnetism, and optics, and stresses a logical problem-solving approach with many examples and demonstrations. Students will put their math skills to use in a derivative approach.
- Students will see how physics is used to solve important problems that help preserve human life and vastly improve the quality of our lives. These applications make for engaging and stimulating classroom discussions. Students will also work directly with real-world data sets to model physical phenomena that will provide a much better understanding of and appreciation for the orderliness of God's creation. These activities help students build proper scientific paradigms founded on biblical principles.
- Presented as an algebra-based physics course. Two years of algebra and geometry are recommended as a prerequisite. The second year of algebra may be taken concurrently.

HONORS ANATOMY & PHYSIOLOGY (1 credit)

Text - *Hole's Essentials of Human Anatomy and Physiology* 2010, McGraw Hill Publishing

Prerequisite: Biology I and Chemistry I with a GPA of “B” or higher

- This course covers cellular and molecular biology of human DNA, and will provide students with an introduction into the complexity of life. Students will examine human cells through careful study of its cytology and heredity and gain an understanding of the DNA, the master programming of the cell so that they will gain a better understanding of how we are fearfully and wonderfully created.

ROBOTICS (½ credit)

Text – *Pitsco Tetrax Max (STEM text)*

- This course involves the designing and creation of robots that must be used to maneuver in an environment of water and move objects from one place to another in water or other terrains.

DRONE TECHNOLOGY (½ credit)

- This course is an unmanned Aerial Systems Ground School featuring training on the Fundamentals of Flight (including Newton’s three fundamentals laws of flight), Aerodynamics, and the Four Forces of Flight, and Three Control Axis, Center of Gravity, followed by the Scientific Principles of Flight.
- The second phase of the program includes the lab portion in which the student practices and is tested on his/her individual flight proficiency.
- The course is concluded upon the successful completion of an FAA certification.

SOCIAL STUDIES

The social studies courses offer focus on the relationships between and actions of people. Courses will demonstrate the consequences and/or blessings as students draw nearer to God or choose their own way. The goal of this department is to teach students to think with the mind of Christ and use this thinking to shape our society in accordance with God's will.

AMERICAN GOVERNMENT (1/2 credit) Required for graduation. Required for Juniors

Text – *American Government Student Edition* (3rd ed.), 2014, Bob Jones Publications

Prerequisite: American History and/or World History

- Students will learn about essential features of American government, from its historical and scriptural foundations to detailed analysis of its inner workings. The course provides an overview of changes and developments in our government with an emphasis on the U.S. Constitution and current events.

ECONOMICS/FINANCIAL LITERACY (1/2 credit) Required for graduation

Text – *Economics* (2nd ed.), 2009, Bob Jones Publications

- This course introduces and explores key principles of economics from household purchases to the stock market. It also covers the financial concerns of the country, businesses, and the home, with Scriptural principles that are applied to all areas.

Text - *Dave Ramsey workbook & videos*

- This course employs resources and information through Financial Peace University created by Dave Ramsey to engage students in aspects of personal finance. Through engaging videos, discussion, and activities about topics like saving and investing, debt and credit dangers, budgeting, insurance, taxes, and making smart purchases, students learn financial skills necessary to succeed monetarily throughout life.
- Using the Dave Ramsey videos and workbook sponsored through Fifth-Third Bank, students will hear firsthand from the author about the struggles and successes with money, and how to avoid financial pitfalls.

CURRENT SOCIAL PROBLEMS (1/2 credit)

Text – *Counter Culture* by David Platt

Prerequisite: Must be a junior or a senior, Required for graduation.

- This course will allow the student to understand the issues that face our world today from a cultural, spiritual, and social perspective. Students will not only wrestle with their own beliefs and how it pertains to a Biblical and legal perspective, but they will also demonstrate servant leadership with several service projects during the semester.

MODERN UNITED STATES HISTORY (AMERICAN HISTORY) (1 credit) Honors offered Required for Sophomores

Text – *United States History* (3rd ed.), 2001, Bob Jones Publications

- This course focuses on the time period of United States History from 1865 following the Civil War to present day. Not only will students gain in-depth understanding of events such as Reconstruction, The Great Depression, and the Cold War, but will immerse themselves in social aspects of Americans on a personal level. Through unique projects and active learning assignments, students will see how history can affect their lives today and into the future.

WORLD GEOGRAPHY (1/2 credit or 1 credit)

Text – *Cultural Geography Student Text* (3rd ed.), 2008, Bob Jones Publications

- This course takes the student from continent to continent around the world studying the geography, cultures, landforms, climates, resources, economy, religions, and government of each country.

WORLD HISTORY (1 credit) Required for graduation. Honors offered

Text – *World History* (4th ed.), 2013, Bob Jones Publications

- Students will study different historical ages and be challenged to discover the forces, issues, people, and movements that have shaped our modern world.

PHYSICAL EDUCATION/HEALTH

The goal of the Physical Education Department is to help the student understand that the body is the temple of the Holy Spirit (I Cor. 3:16) and requires emotional and physical care. Emphasis is placed on physical conditioning, godly attitudes, and the development of self-control, fairness, and persistence.

Ohio Department of Education State Standards is used for the basis of curriculum.

HEALTH (1/2 credit)

Text – *Health in Christian Perspective*, 1999, ABeka Book Publication

- This is a gender specific class designed to encourage and develop a wholesome Christian understanding and response to current social vices. First-aid, CPR, personal care and hygiene, safety and sexual respect will also be covered in this course.

WEIGHT CLASS (1/2 credit)

- Lifting weights and conditioning can produce positive changes in the structure and function of the body.
- Weight class will consist of weight lifting, plyometrics, agility drills and conditioning drills.

BOYS PHYSICAL EDUCATION (1/4 credit)

- Physical education reinforces the development of a healthy lifestyle through physical fitness and recreation activities. Biblical principles that teach the body is a temple of the Holy Spirit are emphasized

GIRLS PHYSICAL EDUCATION (1/4 credit)

- Physical education reinforces the development of a healthy lifestyle through physical fitness and recreation activities. Biblical principles that teach the body is a temple of the Holy Spirit are emphasized

ALTERNATIVE PHYSICAL EDUCATION EXEMPTION

The purpose is to provide the scholar athlete an opportunity to establish physical education exemption through varsity or junior varsity sports. The student will be compelled to spend time developing their individual skill. **Student athletes must participate and complete two full seasons of the same sport in order to be eligible for this exemption.**

- Students are responsible to fill out an Alternate Physical Education Form in order to receive credit.

SERVICE HOURS OPPORTUNITIES

East Dayton Christian High School requires, before graduation, the fulfillment of 20 mission service hours per student per year of enrollment. Students are expected to volunteer, outside their home, 20 hours of their time to help others without payment or compensation of any type. We believe this supports the attitude of a Christian way of life and helps our young men and women appreciate the abundant blessings they have received through sharing of their time and gifts.

*...to the extent that you did it to one of these brothers of mine, even the least of them, you did it to me.
Matt. 25:40*

CLINIC AIDE (Pass/Fail)

Prerequisite: Permission of Nurse

- 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 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.

LIBRARY AIDE (Pass/Fail)

Prerequisite: Permission of Librarian

- 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.

TEACHER AIDE (Pass/Fail)

Prerequisite: permission of Teacher

- In this one-semester Pass/Fail 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 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.

TEACHER ASSISTANT (Pass/Fail)

Prerequisite: permission of administrative designate; Junior or Senior only

- The best way to learn and to discern the Lord's will for life's work is to become involved in various ministries. We can offer the student who desires to become a teacher, a limited opportunity to find out what it is like firsthand to be a teacher. This course is designed to allow the student to participate in the classroom (grades 1-6) through one-on-one and small group tutoring, and serving the teacher in performing various duties which are teacher-directed and teacher-related.

WORSHIP TEAM (Extra-curricular)

- This is a service-oriented course in which the student will use his/her spiritual gifts and abilities to lead the student body in worship in weekly chapels. Bible study, prayer, discipleship, teamwork and worship are key elements of this course.

