



# COURSE DESCRIPTIONS

## High School On-Campus

### 2023-2024

**HOC**

*Courses are designed for high school students desiring to earn Carnegie credits required for high school graduation. Some courses may be taken, in limited number, by academically prepared eighth graders with HOC Coordinator approval. For details, see page 16.*

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## COURSE ELIGIBILITY AND ROTATIONS

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### Grade 8 Student Eligibility

Academically prepared 8th graders may register for TWO of the following courses (when offered):

- Algebra 1
- Composition or Essay Writing
- Physical Science
- Spanish 1
- Speech

They may ALSO take the following one-semester courses (when offered):

- Track
- Yearbook Staff

### English Course Rotation

Each English course consists of three elements: grammar, writing, and literature. These courses will be recorded on the high school transcript by the student's grade year rather than the course name. For example, Composition would appear as "English 9" for a 9<sup>th</sup> grader or "English 10" for a 10<sup>th</sup> grader. American Literature would appear as "English 11" for an 11<sup>th</sup> grader or "English 12" for a 12<sup>th</sup> grader.

The following 9<sup>th</sup> and 10<sup>th</sup> grade courses are offered on a rotating basis, subject to availability, and may be taken in any order.

- Composition (2023-2024)
- Essay Writing (2024-2025)

The following 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade courses are offered on a rotating basis, subject to availability, and may be taken in any order provided the student has completed at least one semester of a high school level writing course.

- American Literature (2023-2024)
- Advanced Composition with Research Writing (2024-2025)
- Elements of Literature Across Genres (2025-2026)
- Advanced Composition with Research Writing (2026-2027)

### Social Science Course Rotation

The following courses are offered on a rotating basis, subject to availability, and may be taken in any order.

- U.S. History (2023-2024)
- World History (2024-2025)
- Geography (2025-2026)
- American Government / Economics (2026-2027)

## SCIENCE

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### Physical Science

**Grades:** 9-12

**Grade 8 Eligible:** Yes

**Credit:** 1.0

**Cost:** \$380

**Lab Fee:** \$40

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Candace Denison

**Semester:** Fall and Spring

**Schedule:** Tuesday, 10:15 AM – 12:15 PM

Physical science is considered the first high school science course and is required on the transcript by most universities. Topics include the Atmosphere, Hydrosphere, Lithosphere, Weather, Physics, Newton's Laws, Forces in Creation, Waves and Sound, Light and Astrophysics - all at an introductory level. Every week class is split between lecture and lab. Students learn not only science but also how to work within a classroom by taking notes, participating in classroom activities and being responsible for their own lab supplies and reports. This course prepares the student for the higher sciences they will take in high school and hopefully successful classroom educational skills for the future.

#### Required Resources:

- *Discovering Design with Earth Science*  
Author: Dr. Jay Wile, 2021 (ISBN: 9780996278430)
- *Answer Key & Tests for Discovering Design with Earth Science*  
Author: Dr. Jay Wile, 2021 (ISBN: 9780996278447)
- Note: The Solutions and Tests Manual should be kept by the parent until the instructor gives permission to use it.

# SCIENCE

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## Biology

**Grades:** 9-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$475

**Lab Fee:** \$40

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Kris Malinowski

**Semester:** Fall and Spring

**Schedule:** Tuesday, 10:15 AM – 12:45 PM

In this course, your student will be introduced to the intricate world of biology. They will learn how living organisms are designed and classified, how they interact with one another, and how they interact with their physical environment. Throughout the course, your student will see that life is the result of design and that organisms have been given the ability to adapt to their surroundings, as well as learn to identify the problems associated with the modern evolutionary synthesis. Concepts covered include the chemical processes for life, the structures of RNA and DNA, cell design, and photosynthesis, cellular respiration, and cellular reproduction processes. After a thorough survey of the different kinds of organisms found in nature: archaea, bacteria, protists, fungi, invertebrates, vertebrates, and plants, your student will then learn about ecosystems and the biogeochemical cycles that keep environments hospitable to life. Through hands-on laboratory exercises, lectures, discussions, your student will be exposed to the principles of biology focusing on both the creation and the Creator. As we explore various topics throughout the year, your students should develop a new love for the world around them. Whether it is the world of plants, animals, or even microscopic organisms, biology offers a wide range of topics that everyone will come to appreciate and hopefully, love.

### Required Resources:

- *Discovering Design with Biology*  
Authors: Dr. Paul Madtes, Jr. & Dr. Jay Wile, 2022 (ISBN: 9798985252941)
- *Answer Key and Tests for Discovering Design with Biology*  
Author: Dr. Paul Madtes, Jr. & Dr. Jay Wile, 2022 (ISBN: 9798985252958)
- Note: The Solutions and Tests Manual should be kept by the parent until the instructor gives permission to use it.
- Handheld Magnifying Glass  
Similar to: <https://www.amazon.com/Lnchett-Magnifying-Magnifier-Non-Scratch-Lightweight/dp/B07FS2ZNV2>

## SCIENCE

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### Chemistry

**Grades:** 10-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$475

**Lab Fee:** \$40

**Placement Test:** Yes

**Prerequisite:** Algebra 1, and currently taking Geometry, Algebra 2, or a higher math course.

**Instructor:** Debbie Reeves

**Semester:** Fall and Spring

**Schedule:** Tuesday, 10:15 AM – 12:45 PM

Chemistry is often called “the central science” because it is so fundamental to understanding other sciences and technologies. This course gives students an understanding of introductory chemistry concepts that will prepare them for a college freshman chemistry course and equip them to see chemistry as essential to our daily lives. Emphasis is placed on glorifying God by highlighting the beauty of His design in the chemistry of the world around us.

#### Required Resources:

- *Discovering Design with Chemistry*  
Author: Dr. Jay L. Wile, 2015 (ISBN: 9780996278461)
- *Answer Key & Tests for Discovering Design with Chemistry*  
Author: Dr. Jay L. Wile, 2015 (ISBN: 9780996278478)
- Note: The Answer Key & Tests Manual will be used daily by students.

## SCIENCE

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### Human Anatomy and Physiology

**Grades:** 10-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$475

**Lab Fee:** \$40

**Placement Test:** No

**Prerequisite:** Biology

**Instructor:** Holly Dean

**Semester:** Fall and Spring

**Schedule:** Tuesday, 10:15 AM – 12:45 PM

This Anatomy and Physiology course will cover both the anatomy and the physiology of the human body's 11 organ systems in detail. The course includes microscope and dissection labs. Topics will include cellular structure and function as a review from your high school biology course, basic histology (microscopic study of tissues), specific histology of the organ systems, organ structure and function, and system anatomy and physiology. God's creation of the human body was special and is unique from any of His other creations. This is because we were created in His image! Genesis 1:26-27 speaks clearly to this truth, "Let us make man in Our image, after Our likeness... male and female He created them." Therefore, the study of our bodies, His special creation, deserves particular, concentrated attention. This year, we will explore the uniqueness and awesomeness of this beautiful and spectacular creation!

#### Required Resources:

- *Exploring Creation with Advanced Biology: The Human Body, 2<sup>nd</sup> Edition*  
Authors: Marilyn M. Shannon & Rachael L. Yunis, 2013/2020 (ISBN: 9781946506603)
- *Exploring Creation with Biology: The Human Body, Solutions and Tests, 2<sup>nd</sup> Edition*  
Authors: Marilyn M. Shannon & Rachael L. Yunis, 2013 (ISBN: 9781935495970)
- *Exploring Creation with Biology: The Human Body, Student Notebook, 2<sup>nd</sup> Edition*  
Authors: Marilyn M. Shannon & Rachael L. Yunis, 2014 (ISBN: 9781940110387)
- Note: The Solutions and Tests Manual should be kept by the parent until the instructor gives permission to use it.

# ENGLISH

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## Composition

**Grades:** 9-10

**Grade 8 Eligible:** Yes

**Credit:** 1.0

**Cost:** \$380

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Tara Maple

**Semester:** Fall and Spring

**Schedule:** Monday, 8:00 AM – 10:00 AM

Students will practice correct grammar and writing skills as they learn how to compose good paragraphs and the five-paragraph essay. This class will cover thesis statements, elements of organization, transitions, introductions, and conclusions. Instruction in class will be given to teach students how to compose descriptive, narrative, expository, persuasive, and other types of essays with prompts provided by the instructor. Students will learn how to cite sources used for their papers using correct MLA format. Students will learn literary terms appropriate for novels read, as well as vocabulary from these novels. Short Stories and poems may be added as time allows to help students better understand literary elements as well.

### Required Resources:

- *Writers Inc: A Student Handbook for Writing and Learning*  
Authors: Patrick Sebranek, Dave Kemper, and Verne Meyer, 2005 (ISBN: 9780669529951)  
Note: Earlier editions of textbook are also acceptable.
- The Essay Volume 1 – Bundle  
Includes: *Intro to Composition: The Essay Volume 1*, 2016 / *Thinking in Threes*, 2005)  
Available from: <https://blackbirdandcompany.com/product/the-essay-volume-1-bundle/>
- *Fahrenheit 451*  
Author: Ray Bradbury (Any Edition)
- Semester 2 Literature Selection TBD
- Note: Students who use audio books must also have a print version of the text.

## ENGLISH

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### American Literature

**Grades:** 11-12 (Grade 10 with approval)

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$380

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** One Semester High School English

**Instructor:** Deborah Stabler

**Semester:** Fall and Spring

**Schedule:** Monday, 8:00 AM – 10:00 AM

This course introduces students to more than 70 American authors through biographical texts, short stories, plays and novels from Colonial America through the present. Students will determine a central idea and analyze how it is developed and shaped by the elements of the writer's craft including plot, characterization, theme, imagery, foreshadowing, etc., citing textual evidence to support analysis of what the text says. Attention will be given to using proper English grammar, spelling, and vocabulary as the student writes paragraphs and essays in response to the ideas and concepts discussed in class, and students are encouraged to revise, edit and rewrite in order to produce a quality writing product.

#### Required Resources:

- *American Literature, 2<sup>nd</sup> Edition*  
Publisher: BJU Press, 2010 (ISBN: 9781606821022)
- *Elements of Style, 4<sup>th</sup> Edition*  
Authors: William Strunk, Jr. and E.B. White (ISBN: 9780205309023) - Not illustrated version
- *Novels TBD*



# MATH

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## Algebra 1

**Grades:** 9-10

**Grade 8 Eligible:** Yes

**Credit:** 1.0

**Cost:** \$570

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Rachel Galindo

**Semester:** Fall and Spring

**Schedule:** Monday, 4:00 PM – 5:30 PM  
Thursday, 4:00 PM – 5:30 PM

This course covers the basics of algebra and is considered the first high school math course taken for credit.

**Required Resources:**

- *TBD*

# MATH

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## Geometry

**Grades:** 9-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$570

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** Algebra 1

**Instructor:** Thad Roppel

**Semester:** Fall and Spring

**Schedule:** Monday, 4:00 PM – 5:30 PM  
Thursday, 4:00 PM – 5:30 PM

This class teaches the basics of high school geometry.

**Required Resources:**

- *TBD*

# MATH

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## Algebra 2

**Grades:** 9-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$570

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** Algebra 1

**Instructor:** Liam Barham

**Semester:** Fall and Spring

**Schedule:** Monday, 4:00 PM – 5:30 PM  
Thursday, 4:00 PM – 5:30 PM

This course teaches the basics of high school Algebra 2.

**Required Resources:**

- *TBD*

## SOCIAL SCIENCE

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### U.S. History

**Grades:** 9-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$380

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Candace Denison

**Semester:** Fall and Spring

**Schedule:** Tuesday, 8:00 AM – 10:00 AM

This course covers U.S. History from 1492 through today. There will be added outside readings along with writing assignments. Class participation with knowledge of said readings is part of the student's overall grade. The broad scope of this course includes foundational documents, Western expansion, major wars, and American figures up to and including the present day.

**Required Resources:**

- *United States History: Heritage of Freedom, Student Text, 4<sup>th</sup> Edition*  
Publisher: Abeka, 2021

## ELECTIVES

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### Spanish 1

**Grades:** 9-11

**Grade 8 Eligible:** Yes

**Credit:** 1.0

**Cost:** \$570

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Shelle Greeson

**Semester:** Fall and Spring

**Schedule:** Monday, 12:30 PM – 2:00 PM  
Thursday, 12:30 PM – 2:00 PM

Spanish 1 is an introductory course for beginners designed to establish a strong foundation to promote future success in learning the Spanish language. This course aims to equip students with the grammar and vocabulary needed to speak, listen, read, and write in the Spanish language at a basic level. Students will be introduced to Hispanic cultures to give them a greater appreciation for the rich diversity of God's world. They will participate in cultural activities in the classroom and have an opportunity to practice their Spanish language skills by taking a field trip to a local Mexican restaurant. As one of the top three most used languages in the world (and the internet!), understanding Spanish can create career possibilities for your student, as well as present a different global perspective.

#### Required Resources:

- *Merriam-Webster's Word-for-Word Spanish-English Dictionary*  
Publisher: Merriam-Webster, 2021 (ISBN: 9780877792994)
- *Duolingo* Learning App  
Free of charge from duolingo.com
- This course will use the *Realidades* Spanish curriculum. Required textbooks TDB.

## ELECTIVES

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### Spanish 2

**Grades:** 9-12

**Grade 8 Eligible:** No

**Credit:** 1.0

**Cost:** \$570

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** Spanish 1

**Instructor:** Shelle Greeson

**Semester:** Fall and Spring

**Schedule:** Monday, 2:15 PM – 3:45 PM  
Thursday, 2:15 PM – 3:45 PM

This course is a continuation of Spanish 1.

**Required Resources:**

- *Merriam-Webster's Word-for-Word Spanish-English Dictionary*  
Publisher: Merriam-Webster, 2021 (ISBN: 9780877792994)
- *Duolingo* Learning App  
Free of charge from duolingo.com
- This course will use the *Realidades* Spanish curriculum. Required textbooks TDB.

## ELECTIVES

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### Introduction to Christian Doctrine

**Ages:** 15 & Up (DOB before 08/08/08)

**Grade 8 Eligible:** No

**Credit:** 0.5

**Cost:** \$190

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Aaron Wine

**Semester:** Fall

**Schedule:** Thursday, 8:00 AM – 10:00 AM

There is a “faith” once for all delivered to the saints (Jude 3). Christians have received that faith, and throughout their lives they grow in their understanding. In Introduction to Christian Doctrine, we will explore the core tenants of our faith. Why is the Doctrine of God so important? How can we possibly understand the Doctrine of Christ? What does the Doctrine of the Church have to do with my day-to-day life? We will answer these questions and more. By the end of the semester, you will have a foundational grasp on the most important topics of Christian theology and a greater love for the Triune God.

#### Required Resources:

- *Fix Your Eyes: How Our Study of God Shapes Our Worship of Him*  
Author: Amy Gannett, 2021 (ISBN: 9781087730547)

## ELECTIVES

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### Driver Education – Session A

**Ages:** 14 ½ & Up (DOB before 02/08/09)

**Grade 8 Eligible:** No

**Credit:** 0.5

**Cost:** \$190

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Jeff Sibley

**Semester:** Fall

**Schedule:** Thursday, 10:15 AM – 12:15 PM

The class is designed to help students become better drivers and to satisfy insurance requirements for driver's education discounts. Content will include basic driver instruction and prepare students to take the Alabama Learner's Permit/License tests. No actual driving instruction will occur. The class will include basics of automobile care and maintenance along with boating safety and motorcycle use. Students will also learn phone-based and paper-based map skills, as well as traffic and parking laws and regulations.

**Required Resources:**

- *TBD*



## ELECTIVES

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### Driver Education – Session B

**Ages:** 14 ½ & Up (DOB before 07/09/09)

**Grade 8 Eligible:** No

**Credit:** 0.5

**Cost:** \$190

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Jeff Sibley

**Semester:** Spring

**Schedule:** Tuesday, 1:00 PM – 3:00 PM

The class is designed to help students become better drivers and to satisfy insurance requirements for driver's education discounts. Content will include basic driver instruction and prepare students to take the Alabama Learner's Permit/License tests. No actual driving instruction will occur. The class will include basics of automobile care and maintenance along with boating safety and motorcycle use. Students will also learn phone-based and paper-based map skills, as well as traffic and parking laws and regulations.

**Required Resources:**

- *TBD*

## ELECTIVES

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### Health and Nutrition

**Ages:** 16 & Up (DOB before 01/09/08)

**Grade 8 Eligible:** No

**Credit:** 0.5

**Cost:** \$190

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Holly Dean

**Semester:** Spring

**Schedule:** Thursday, 10:15 AM – 12:15 PM

Health and Nutrition is a topic that can range from overemphasized to underemphasized depending greatly on the family and education to which a student has been exposed. We are going to explore the implications of taking good care of our bodies, minds, and spirits in a way that honors and glorifies our God. This 15-module course covers the physical, nutritional, emotional, social, mental, and spiritual aspects of growing into a healthy adult. We will discuss how to maintain a physically healthy lifestyle. Nutrition and food safety will be a common thread weaved into the weekly lessons. In addition, we will delve into issues of mental health, stress, and social balance in order to maintain emotional stability. We will also dive into spiritual nourishment and how to take good care of our eternal spirits in a way that nourishes us deeply. We will use the trusted Apologia curriculum and the Bible.

Parental Note: This is a full health textbook. Some students may not be mature enough to discuss some of the topics. The reproductive systems are covered in detail, including accurate, yet respectful, illustrations and descriptions. We respectfully discuss the act of marriage, sexual misconduct, pregnancy, and sexually transmitted diseases. We will discuss alcohol and drug abuse, depression, pornography, and other topics that also require maturity. Please use your knowledge of your students to decide if this course is appropriate for their maturity levels.

#### Required Resources:

- *Exploring Creation with Health and Nutrition, 2<sup>nd</sup> Edition*  
Author: Dr. Laura Chase, 2022 (ISBN: 9781946506863)

## ELECTIVES

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### Yearbook Staff

**Grades:** 9-12

**Grade 8 Eligible:** Yes

**Credit:** 0.0

**Cost:** \$0

**Lab Fee:** \$0

**Placement Test:** No

**Prerequisite:** None

**Instructor:** Dannah Adams

**Semester:** Spring

**Schedule:** TBD

Join the yearbook staff and have fun preserving memories while making new ones! Students will learn communication, public relations, and marketing skills by promoting the yearbook and selling ads to local businesses. They learn to work together to design and lay out a publication, meeting deadlines and solving problems that arise. They will gain computer skills by tracking ad sales and working with photos and will learn the Pictavo yearbook program. They will use writing skills to write letters of appreciation, captions, and paragraphs developing the yearbook theme. Students will need access to a computer with internet access for weekly assignments; laptops they can bring to class are encouraged but not required.

**Required Resources:**

- Computer with internet access