

June 4th—July 18th, 2024



2024 ANDOVER ECADEMY SUMMER COURSE GUIDE

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ALL THE BEST PARTS OF SCHOOL

Language Arts

- English 9 Part 1 CR
- English 9 Part 2 CR
- English 10 Part 1 CR
- English 10 Part 2 CR
- English 11 Part 1 CR
- English 11 Part 2 CR
- English 12 Part 1 CR
- English 12 Part 2 Credit Advancement

Language Arts

- **English 9 Part 1 CR**
- **English 9 Part 2 CR**
- **English 10 Part 1 CR**
- **English 10 Part 2 CR**
- **English 11 Part 1 CR**
- **English 11 Part 2 CR**
- **English 12 Part 1 CR**

English 12 Part 2 Credit Advancement

Grade: 12th

Credit: 0.5

This class will focus on The Writing Process, Short Stories, Persuasive Speeches, Essays, Reading Methods, Early English Literature, Civil War and Revolutions, Romanticism, Victorian Literature, and Modernism.

Mathematics

- Algebra Review
- Algebra Part 1 CR
- Algebra Part 2 CR
- Geometry Part 1 CR
- Geometry Part 2 CR
- Intermediate Algebra Part 1 CR

Mathematics

Algebra Review

Grade 9th-10th

Credit: 0.5

Students will learn Real Numbers and Exponents, Geometric Transformations, Linear Relationships, Systems, and Functions, and patterns. **This course does not meet Board of Regents requirements.**

Algebra 1, Part 1 or 2 CR

Grade 9th-10th

Credit: 0.5

Students will be exploring the following topics: Order of Operations, Simplifying Algebraic Expressions, Solving multi-step equations, Algebraic Word Problems, Slope and Intercepts, Graphing equations of lines, Parallel and Perpendicular Lines, Solving Inequalities, Solving Systems of Equations by Graphing, Substitution and Elimination, Operations with Polynomials, Factoring Polynomials, Solving Quadratic Equations by Factoring, Using Graphing Technology, and Word Problems Involving Rational Equations.

Geometry, Part 1 or 2 CR

Grade 10th – 11th

Credit: 0.5

Prerequisite: Algebra 1

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us. Topics will include: Segments and the coordinate plane, angles, parallel lines, triangles, proofs, and the Pythagorean Theorem.

Intermediate Algebra Part 1 CR

Credit: 0.5

Prerequisite: Algebra 1 and Geometry

This course reinforces existing algebra and geometry skills and explores concepts students will need to master in order to further their study of mathematics. **This course does not meet Board of Regents requirements.**

◆ CR stands for Credit Recovery

Science

- Physical Science Part 1 CR
- Physical Science Part 2 CR
- Biology Part 1 CR
- Biology Part 2 CR
- Astronomy Credit Advancement
- Forensic Science

Science

Physical Science Part 1 CR

Physical Science Part 2 CR

Biology Part 1 CR

Biology Part 2 CR

Astronomy Credit Advancement

Grade: 10th-12th

Credit: 0.5

Semester 2 Only

This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

Forensic Science

Grade: 11th-12th

Credit: 0.5

Prerequisite: Biology

This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed. **This course does not meet Board of Regents requirements.**

Social Studies

- World Geography CR
- Modern World History CR
- American History Part 1 CR
- American History Part 2 CR
- US Government Credit Advancement
- Criminology
- World Religions

Social Studies

World Geography CR

Modern World History CR

American History Part 1 CR

American History Part 2 CR

US Government Credit Advancement

Grade: 12th

Credit: .5

Students will take on the role of a Washington, D.C. intern and spend time working throughout the nation's capital with all three branches of government. They will gain a greater understanding of the country's beginnings and how government functions at different levels.

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Social studies course descriptions continued on next page.

Social Studies (continued)

Social Studies (continued)

- World Geography CR
- Modern World History CR
- American History Part 1 CR
- American History Part 2 CR
- US Government Credit Advancement
- Criminology
- World Religions

Criminology

Grade: 10th-12th

Credit: 0.5

In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system.

World Religions

Grade: 11th-12th

Credit: 0.5

This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism. Students will trace the major developments in these religions and explore their relationships with social institutions and culture. The course will also discuss some of the similarities and differences among the major religions and examine the connections and influences they have.

Physical Education / Health

Physical Education / Health

- Health Credit Advancement

Health Credit Advancement

Grade: 9th-12th

Credit: .5

Health education is no longer viewed as a supplemental course as it was years ago. Today's teenager is faced daily with life choices that can be best dealt through education and a healthy lifestyle. Students will find this health course to be both enjoyable and useful because it encompasses important topics about daily life. Each unit will cover issues that will promote a safe, healthy, and active lifestyle. Subjects will range from nutrition and safety to sexuality and the ill effects of drugs on the body.

Electives

Electives

- Independent PE
- Computer Applications

Independent PE

Grade: 9th-12th

Credit: .5 (Pass/Fail) (May only be taken two semesters for credit)

Students participating in this class must be a part of an extracurricular activity that is physically demanding. The counselor/principal will grant permission for students to take this class. Failure to participate in 50 hours of physical activity will result in a failing grade. Either the activity sponsor or the student's parent must verify all activities. This course does not replace the required PE credit.

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Elective course descriptions continued on next page.

Electives (continued)

Electives (continued)

- Independent PE
- Computer Applications

Computer Applications

Grade: 9th-12th

Credit: 0.5

The course will help prepare students to use basic functions in word processing, spreadsheets, database creation and management, multimedia and collaboration software. The successful completion of this course will introduce students to the most common business applications being used today.

◆ CR stands for Credit Recovery

Applications due May 17th

Email or Mail

Email

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And

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Subject line: Summer School

Mail

Andover eCademy

Attn: Summer School

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