

POST CATALOG PUBLICATIONS (ADDENDUM)

New Courses (Effective Summer 2025)

AED CR1 **0.0 UNITS**

High School Integrated Math 1

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This course provides a comprehensive introduction to foundational mathematical concepts, integrating algebraic, geometric, and statistical applications. Students will explore key topics such as equations, inequalities, and functions, fostering a deep understanding of mathematical relationships and their real-world applications. In the geometric component, learners will engage with definitions, constructions, theorems, and proofs, focusing on similarity, transformations, and congruence of geometric figures. Emphasis will be placed on developing critical thinking and problem-solving skills through collaborative and individual projects. This course is designed to support students in their progress toward earning a high school diploma or its equivalent, preparing them for more advanced mathematical studies. Students will leave the course equipped with essential skills and knowledge necessary for success in future academic pursuits and everyday life.

AED CR2 **0.0 UNITS**

HS Integrated Math 2

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This course offers a comprehensive exploration of algebraic, geometric, and statistical concepts essential for success in high school mathematics and beyond. Students will engage with topics including the properties and applications of triangles and quadrilaterals, similarity and trigonometry, as well as the study of circles, surface area, and volume.

AED CR3 **0.0 UNITS**

High School Biology

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This foundational course in Basic Life Science provides students with a comprehensive understanding of the diversity of life, examining organisms from microscopic to macroscopic scales. Students will explore the intricate relationships between structure and function, gaining insights into how these concepts apply to various living systems. The course delves into the chemistry of life processes, highlighting the essential roles that molecules play in cellular functions. Emphasizing cells as the basic units of life, students will investigate cell structure, function, and processes. Additionally, the course addresses the interdependence of organisms in nature, focusing on ecosystems and the intricate relationships that sustain life. Key topics include information and heredity, introducing students to the principles of genetics and the mechanisms of inheritance. Students will also engage with evolutionary theories, exploring the evidence and processes that drive the diversity of life over time. Finally, the concept of homeostasis will be examined, emphasizing how living organisms maintain stability in their internal environments despite external changes. This course supports progress toward a high school diploma or equivalent, fostering a deeper appreciation for the complexities of life and the interconnections that define our natural world.

AED CR4 **0.0 UNITS**

High School Chemistry

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This class will cover high school-level chemistry. It supports progress toward a high school diploma and may be used for credit recovery. The course will cover the nature of matter and its transformations, chemical bonds and stoichiometry, properties of gases, acids and bases, organic and inorganic compounds, and chemical systems such as solutions, reactions, and nuclear processes.

AED CR5 **0.0 UNITS**

High School Spanish 2

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This is a second-year Spanish course that includes culture, listening, speaking, reading, and writing. The emphasis is on the skills needed to communicate in a variety of modes with increased complexity and proficiency. It supports progress toward a high school diploma or equivalent.

AED CR6 **0.0 UNITS**

High School Art and Creative Expression

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This dynamic course invites students to explore the multifaceted world of art and design, focusing on artistic perception, creative expression, and the historical and cultural contexts that shape artistic movements. Students will engage in a hands-on experience, utilizing a variety of media and techniques in design and drawing to create original works of art. Through a combination of practical projects and theoretical discussions, learners will develop their aesthetic valuing skills, examining different art forms and their relationships to culture and society. The curriculum will also cover the applications of art in various industries, including an exploration of careers in art and design, helping students understand the pathways available in this vibrant field. By fostering creativity and critical thinking, this course not only supports progress toward a high school diploma or equivalent but also empowers students to express their unique perspectives and talents through the arts.

AED CR7**High School English 1**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This course offers students a comprehensive exploration of literature across a variety of genres and themes, providing a foundation for understanding and appreciating literary works. Through the analysis of poetry, fiction, drama, and non-fiction, students will engage with diverse texts that challenge their thinking and foster a deeper appreciation of literary artistry. In addition to reading and discussing literature, the course emphasizes the development of essential writing, editing, and critical thinking skills. Students will refine their vocabulary and enhance their ability to articulate ideas clearly and effectively. Emphasis will be placed on concept development, grammar, and writing mechanics, ensuring that students are equipped to express their insights in a polished and coherent manner. By the end of the course, students will have cultivated the analytical skills necessary to evaluate literature critically, as well as the writing proficiency required for clear and persuasive communication. This course supports progress toward a high school diploma or equivalent, empowering students to become thoughtful readers and skilled writers.

AED CR8**High School Spanish 1**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This first-year Spanish language course is designed for high school students at Cerritos College to develop foundational communication skills in Spanish. Students will learn to express themselves and discuss their immediate environment using simple sentences, phrases, and essential verb forms. The course emphasizes both writing and speaking, providing opportunities for students to practice their language skills in a supportive environment. In addition to language acquisition, students will explore cultural connections related to the geography and customs of Spanish-speaking countries. Through engaging activities and discussions, learners will gain a deeper understanding of the diverse cultures within the Spanish-speaking world. This course supports students' progress toward earning a high school diploma or equivalent, equipping them with essential language skills and cultural insights that enhance their academic and personal growth.

0.0 UNITS**AED CR9****High School English 2**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This literature course invites students to deepen their understanding of a wide range of genres and themes while enhancing critical reading and analytical skills. Through the exploration of diverse literary works, students will engage in close reading practices that improve comprehension and foster an appreciation for literary artistry. The curriculum focuses on developing advanced skills in literary analysis, enabling students to examine texts from multiple perspectives and articulate nuanced interpretations. Students will also refine their writing mechanics, learning to construct clear, cohesive essays that effectively convey their insights and arguments. In addition to written work, the course emphasizes the importance of oral communication. Students will practice delivering well-structured presentations that engage their peers and articulate their analyses clearly. By the end of the course, students will have honed their abilities in reading comprehension, literary analysis, writing mechanics, and oral presentation skills, all of which are essential for success in higher education and beyond. This course supports progress toward a high school diploma or equivalent, equipping students with the skills needed for academic achievement and critical engagement with literature.

0.0 UNITS**0.0 UNITS****AED CR10****High School English 3**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This course explores American literature through the lens of historical context, examining how social, political, and intellectual trends have shaped literary expression across significant time periods in American history. Students will engage with texts from the Pre-Colonial Era, the American Revolution, the New England Renaissance, the era of Slavery and the Civil War, the Frontier Era, the Harlem Renaissance, and the Modern Era. Through close reading and analysis of diverse literary works, students will gain insights into how authors reflect and respond to the cultural and historical landscapes of their times. The course emphasizes the interconnectedness of literature and history, encouraging students to consider how themes of identity, freedom, conflict, and innovation are woven into the fabric of American literature. In addition to literary analysis, the course aims to develop students' writing and critical thinking skills. Students will practice articulating their ideas through essays and discussions, enhancing their ability to analyze texts critically and communicate effectively. By the end of the course, students will have a deeper understanding of the evolution of American literature and its relationship to historical events and trends. This course supports progress toward a high school diploma or equivalent, equipping students with the skills necessary for further academic pursuits and informed engagement with literary and cultural discourse.

0.0 UNITS

AED CR11**0.0 UNITS****High School U.S. History**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This noncredit course provides an in-depth exploration of United States history from its origins to contemporary times, emphasizing the interconnectedness of history, politics, economics, religion, and culture. Students will examine significant events, movements, and figures that have shaped the American landscape, fostering a comprehensive understanding of the nation's development. Through engaging discussions, critical analysis, and collaborative projects, learners will explore themes such as the founding of the nation, the impact of war and conflict, social movements, and the evolution of political and economic systems. This course is designed to support students in their progress toward obtaining a high school diploma or equivalent, equipping them with the historical knowledge and skills necessary for informed citizenship and further academic pursuits. Students will also engage in reflective practices that encourage them to connect historical events to current issues, promoting a deeper understanding of the complex narratives that define the American experience. By the end of the course, students will have gained a solid foundation in U.S. history, enabling them to analyze and interpret historical events and their relevance to contemporary society.

AED CR12**0.0 UNITS****High School World History**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

In this comprehensive high school course, students will embark on a journey through world history, tracing the evolution of human societies from prehistory to the present. Emphasizing major turning points that have shaped the modern world, the curriculum will focus particularly on the late 18th century through the present day. Key topics will include the causes and consequences of the two World Wars, the rise of democratic ideas, and the historical roots of contemporary global issues. Students will explore the intricate interplay of historical, geographic, political, economic, and cultural contexts that influence international relations today. Through engaging discussions, critical analysis of primary sources, and interactive projects, students will develop a deeper understanding of the forces that have shaped our world and the challenges that lie ahead. This course not only supports progress toward a high school diploma or equivalent but also equips students with the analytical skills and historical perspective necessary to engage thoughtfully with current events and global issues.

AED CR13**0.0 UNITS****High School Algebra 2**

Class Hours: 5.0 Lecture

Total Contact Hours: 90 Lecture

This course serves as an in-depth exploration of second-year algebra, building upon foundational concepts in algebra and geometry. Students will engage with a comprehensive curriculum that includes the solutions of quadratic equations and functions, as well as the manipulation of equations and inequalities. Key topics will encompass fractional exponents and exponential functions, polynomials, and the understanding of real numbers, including both rational and irrational expressions. Additionally, students will delve into logarithmic functions, gaining proficiency in computations, as well as permutations and probabilities. The course will introduce statistical concepts, series and sequences, and the complex number system. A significant focus will also be placed on trigonometric functions, equipping students with the skills necessary to solve problems involving angles and triangles. Throughout the course, students will develop critical thinking and problem-solving skills, preparing them for more advanced mathematical studies. This course supports progress toward a high school diploma or equivalent, ensuring students are well-prepared for future academic challenges in mathematics and related fields.

Program Revision (Effective Summer 2025)

Program updates:

- Courses in GED Test Preparation in English (Non-Credit Certificate of Completion)
 - **UPDATE TITLE TO: Courses in High School Equivalency (Non-Credit Certificate of Completion)**
- Adding new courses to the program
 - AED CR1
 - AED CR2
 - AED CR3
 - AED CR4
 - AED CR5
 - AED CR6
 - AED CR7
 - AED CR8
 - AED CR9
 - AED CR10
 - AED CR11
 - AED CR12
 - AED CR13

Courses in High School Equivalency Certificate of Competency

(Formerly known as Courses in GED Test Preparation in English - Certificate of Completion)

The High School Equivalency (Non-Credit) Certificate of Competency at Cerritos College is designed to strengthen students' foundational skills and prepare them for success in completing a High School Equivalency certificate or diploma. This certificate program provides comprehensive instruction in essential academic areas, including mathematics, writing, reading, and other core subjects for passing the GED/HISET exams or credit recovery courses. These courses assess proficiency in social

studies, science, reading, writing, and math, ensuring students are fully prepared for the challenges of the exams.

In today's competitive workforce, obtaining a high school diploma or equivalency is critical for securing many employment opportunities and advancing into college-level programs. This certificate program equips students with the academic skills to succeed in the workforce and higher education. By focusing on literacy, critical thinking, and problem-solving, the curriculum helps students develop essential life skills invaluable for career advancement and personal growth.

Upon completing this certificate, students will be well-prepared to pursue high school equivalency certification and open doors to various academic and career pathways. This program ensures students are better equipped to meet the demands of an ever-evolving job market, positioning them for long-term success. Whether preparing for further education or seeking stable employment, the High School Equivalency (Non-Credit Certificate of Competency) provides the tools to achieve their academic and career goals.

Code Number	Course Title	Units
Option 1: Students can select from any offered courses to complete the required 216 hours for the certificate		
AED 48.05	College English Skills (108 hours)	0.0
AED 49.01	Preparatory Math (108 hours)	0.0
AED CR1	High School Integrated Math 1 (90 hours)	0.0
AED CR2	HS Integrated Math 2 (90 hours)	0.0
AED CR3	High School Biology (90 hours)	0.0
AED CR4	High School Chemistry (90 hours)	0.0
AED CR5	High School Spanish 2 (90 hours)	0.0
AED CR6	High School Art and Creative Expression	0.0
AED CR7	High School English 1 (90 hours)	0.0
AED CR8	High School Spanish 1 (90 hours)	0.0
AED CR9	High School English 2 (90 hours)	0.0
AED CR10	High School English 3 (90 hours)	0.0
AED CR11	High School U.S. History (90 hours)	0.0
AED CR12	High School World History (90 hours)	0.0
AED CR13	High School Algebra 2 (90 hours)	0.0

Total hours for Option 1 (216 hours)

Or Option 2: Students must complete the below courses for a total of 216 hours

AED 42.12	GED Preparation-A (108 hours)	0.0
AED 42.13	Ged Preparation-B (108 hours)	0.0

Total hours for Option 2 (216 hours)

Recommended Electives

Code Number	Course Title	Units
AED 48.05	College English Skills (108 hours)	0.0
AED 49.01	Preparatory Math (108 hours)	0.0
AED 42.99	Pre-Algebra Skills (108 hours)	0.0

This table outlines the Division/Department Requirements and Electives for the High School Equivalency (Non-Credit) Certificate of Competency at Cerritos College. For option 1, students can select from any offered courses to complete the required 216 hours for the certificate. For option 2, students must complete the required courses in GED Preparation. They may choose from various electives to enhance their academic skills in English, math, science, history, and foreign languages. The total number

of hours for division requirements is 216 hours, with additional elective hours available for further academic development.

Career Opportunities

In today's workforce, a GED certificate or high school diploma is essential for accessing many entry-level and career advancement opportunities.

Employers across a wide range of industries require a high school equivalency to consider candidates for positions, and possessing a GED can open doors to a variety of fields. Furthermore, the foundational skills gained through this program—such as literacy, math, and critical thinking—are vital for maintaining sustainable wage jobs and navigating an increasingly complex and competitive job market. This certificate not only helps students achieve their educational goals but also equips them with the essential skills needed for long-term career success and stability.

Career Pathways

The Cerritos College High School Equivalency (Non-Credit Certificate of Competency) courses are designed to help students prepare for the GED/HiSET examinations, which cover key subjects including social studies, science, English, and math. Successfully completing the certificate will enable students to earn a high school equivalency certificate, a crucial step for pursuing higher education or entering the workforce. In addition to preparing for the GED/HiSET exams, students have the opportunity to participate in a **credit recovery program**, which allows them to work toward completing their high school diploma through additional coursework. By completing this certificate, students can open the door to further academic opportunities, vocational training, or career paths that require a high school diploma or equivalent.