Computer Science **LG10161**
Grades: 09 - 12 College Prep: No Credit: 0.500
Computer Science courses provide students the opportunity use programming, computational thinking, and data analytics to create digital artifacts and documents representing design and analysis in areas including the Internet, algorithms, and the impact that these have on science, business, and society. Computer Science Principles courses teach students to use computational tools and techniques including abstraction, modeling, and simulation to collaborate in solving problems that connect computation to their lives.

Criminology **CBE15053**
Grades: 09 - 12 College Prep: No Credit: 0.500
These courses examine specific topics related to law enforcement (such as forensic science), rather than provide a general study of the field. In Criminology you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process.

Digital Media Technology 1 **LG11151A**
Grades: 09 - 12 College Prep: No Credit: 0.500
These courses are designed to give students the skills necessary to support and enhance their learning about digital media technology. Topics covered in the course may include internet research, copyright laws, web-publishing, use of digital imagery, electronic forums, newsgroups, mailing lists, presentation tools, and project planning.

Entrepreneurship - Startups & Innovation **CBE12166**
Grades: 09 - 12 College Prep: No Credit: 0.500

Robotics: Application & Careers I **CBE21009**
Grades: 09 - 12 College Prep: No Credit: 0.500

Communications **AZ01155**
Grades: 09 - 12 College Prep: No Credit: 0.500
Communications courses focus on the application of written and oral communication skills through a variety of formal and informal experiences. The courses are performance-based and emphasize effective interpersonal and team-building skills. Communications courses may also involve the study of how interpersonal communications are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices.

English 10-1 **LG01002**
Grades: 09 - 12 College Prep: No Credit: 0.500
This is the first part of a two course cycle, credit will be granted after completion of the second part. (AZ01040) English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author?s intent and theme and to recognize the techniques used by the author to deliver his or her message.

English 10-2 **LG01040**
Grades: 09 - 12 College Prep: No Credit: 0.500
English/Language Arts II (10th grade) is mapped to AzMERIT End of Course (EOC) ELA 10 assessment. English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author?s intent and theme and to recognize the techniques used by the author to deliver his or her message.

English 11-1 **LG01003**
Grades: 09 - 12 College Prep: No Credit: 0.500
This is the first part of a two course cycle, credit will be granted after completion of the second part. (AZ01045) English/Language Arts III (11th grade) courses continue to develop students? writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

English 11-2 **LG01045**
Grades: 09 - 12 College Prep: No Credit: 0.500
English/Language Arts III (11th grade) is mapped to AzMERIT End of Course (EOC) ELA 11 assessment. English/Language Arts III (11th grade) courses continue to develop students? writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

English 12-1 **LG01004**
Grades: 09 - 12 College Prep: No Credit: 0.500
English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

English 12-2 **LG01052**
Grades: 09 - 12 College Prep: No Credit: 0.500
English/Literature courses are designed for seniors and emphasize comprehension, discernment, and critical-thinking skills in the reading of texts and literature. These courses introduce and explore more advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, and so on) through two or more literary genres, with the aim of creating sophisticated readers. Writing assignments are required as an additional method to develop and improve critical-thinking and analytic skills.

English 9-1 **LG01001**
Grades: 09 - 12 College Prep: No Credit: 0.500
This is the first part of a two course cycle, credit will be granted after completion of the second part (AZ01039) English/Language Arts I (9th grade) courses build upon students prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

English 9-2 **LG01039**
Grades: 09 - 12 College Prep: No Credit: 0.500
English/Language Arts I (9th grade) courses build upon students prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

English ACT Prep - ENG 11 **LG01003A**
Grades: 09 - 12 College Prep: No Credit: 0.500

Research Writing **LG01105-**
Grades: 09 - 12 College Prep: No Credit: 0.500

SEI I - English Language Arts A - ELA **LG010782**
Grades: 06 - 12 College Prep: No Credit: 0.500
English as a Second Language (ESL) courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

SEI I - English Language Arts B - ELA **LG010782**
Grades: 06 - 12 College Prep: No Credit: 0.500
English as a Second Language (ESL) courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and
listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading
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English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

SEI I - English Language Arts C - ELA **LG010782**
Grades: 06 - 12 College Prep: No Credit: 0.500
English as a Second Language (ESL) courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and
listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading
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SEI I - English Language Arts D - ELA **LG010782**
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English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

SEI II - English Language Arts A - ELA **LG010782**
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ACT Math Prep **LG02993A**
Grades: 09 - 12 College Prep: No Credit: 0.500

Career Exploration **CBE22151**
Grades: 09 - 12 College Prep: No Credit: 0.500
Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests, with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

Child Development I **LG08056A**
Grades: 09 - 12 College Prep: No Credit: 0.500
Designed for pregnant teens and/or parents, topics within Health for Parenting Teens courses cover a wide range of both health and parenting issues, typically including prenatal and postnatal care, health and well-being of young parents, child development, stress management, and parental/adult roles. The courses may also involve academic assistance, career exploration, financial management, and so on.

College and Career Transitions **LG22152**
Grades: 09 - 12 College Prep: No Credit: 0.500
Employability Skills courses help students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. Course content may also include consumer education and personal money management topics.

Creative Writing - Elective **LG01149 -**
Grades: 09 - 12 College Prep: No Credit: 0.500
The course will introduce various genres of literature and their components, and students will create and workshop their own original pieces, including short stories, drama, graphic novels, and more. At the end of this course, students will be able to showcase their own writing portfolio and contribute to an online literary journal.

ELA 9 Foundations - elective **LG01066 -**
Grades: 09 - 12 College Prep: No Credit: 0.500

Health **CBE08051**
Grades: 09 - 12 College Prep: No Credit: 0.500
Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Health Occupations **CBE08057**
Grades: 09 - 12 College Prep: No Credit: 0.500

History of Gaming and ESports 1 **CBE10205**
Grades: 09 - 12 College Prep: No Credit: 0.500
In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.

History of Gaming and ESports 2 **CBE10205**
Grades: 09 - 12 College Prep: No Credit: 0.500
In this course, students will learn about the technologies and design principles that have been the foundation of the development of video game technology over the last 50 years. Students will examine and discuss the impact of video games on culture and the economy. Students will learn about the current gaming and e-sports landscape, including strategies and techniques of top teams and individuals. This course will also discuss the risks and dangers of video games and understand how to set appropriate time and content parameters. Finally, the course will identify career paths and opportunities for those who are passionate about gaming.

Introduction to Leadership **LG22101-**
Grades: 09 - 12 College Prep: No Credit: 0.500
This course provides students a broad and yet properly
contextualized overview of leadership as an inherent human and societal
phenomenon, a vital human practice toward a harmonious functioning of any
organized collectivity, and a set of values. It also introduces students to the academic field of leadership studies through an engaging and interactive exploration of leading theories of leadership with a focus on their pertinence in the Humanities and the Social Sciences. Furthermore,
the course familiarizes students with key concepts in leadership studies,
and with models of leadership widely practiced in government, business,
civil society, community organization and public service, and related professions.

Leadership **AZ22101**
Grades: 09 - 12 College Prep: No Credit: 0.500
Leadership courses are designed to strengthen students? personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

Nutrition and Wellness **CBE19253**
Grades: 09 - 12 College Prep: No Credit: 0.500
Nutrition and Wellness courses focus on how physical, mental, social, psychological, and emotional wellness are related to food, food selection, and health. Topics typically include dietary needs across one?s lifespan, stress management, special dietary issues, and eating disorders as well as societal and genetic health issues that are addressed through the prevention education component of the class. Other topics covered range from healthy food selection, label reading, and diet analysis to understanding additives, making wise food choices, and dealing with food allergies.

Office Aide **AZ22051**
Grades: 09 - 12 College Prep: No Credit: 0.500
Office Aide courses provide students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering the telephone, and duplicating, among others. These courses emphasize appropriate work attitudes, human relations, and proper office procedures.

Personal Finance **CBE12149**
Grades: 09 - 12 College Prep: No Credit: 0.500
Other Finances courses.

Speech-Debate **LG01153**
Grades: 09 - 12 College Prep: No Credit: 0.500
Forensic Speech?Debate courses offer students the opportunity to learn how to use oral skills in formal and informal situations. In these courses, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one?s voice and body. Often linked to an extracurricular program, these courses introduce students to the methods, aims, and styles used in various kinds of debates (formal debate or Lincoln-Douglas). Participation in competition is encouraged, but not always required.

Yearbook **LG11104**
Grades: 09 - 12 College Prep: No Credit: 0.500
Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

Creative Art-Drawing **AZ05156**
Grades: 09 - 12 College Prep: No Credit: 0.500
Creative Art?Drawing courses cover the same topics as Creative Art? Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

Creative Art-Drawing/Painting **LG05155D**
Grades: 09 - 12 College Prep: No Credit: 0.500

Dance Technique 1 **LG05001A**
Grades: 09 - 12 College Prep: No Credit: 0.500
Dance Technique courses provide students with experience in one or several dance forms (i.e., modern, jazz, ballet, and tap). Initial classes are usually introductory in nature, while the more advanced classes concentrate on improving students? technique and may offer or require experience in choreography and dance evaluation.

Drama - Acting/Performance 1 **LG05055-1**
Grades: 09 - 12 College Prep: No Credit: 0.500
Drama?Acting/Performance courses are intended to promote students? experience and skill development in one or more aspects of theatrical production, but they concentrate on acting and performance skills. Initial courses are usually introductory in nature, while the more advanced courses focus on improving technique, expanding students? exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions.

Guitar **AZ05108**
Grades: 09 - 12 College Prep: No Credit: 0.500
Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. These courses may also include more advanced guitar-playing techniques.

Music Appreciation **AZ05118**
Grades: 09 - 12 College Prep: No Credit: 0.500
Similar in nature to Music History/Appreciation courses, Music Appreciation courses focus specifically on students? appreciation of music. They are designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.

Poetry **LG01061P**
Grades: 09 - 12 College Prep: No Credit: 0.500

Spanish 1 **LG06101**
Grades: 09 - 12 College Prep: No Credit: 0.500
Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Spanish 2 **LG06102**
Grades: 09 - 12 College Prep: No Credit: 0.500
Spanish II courses build upon skills developed in Spanish I, extending students? ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Spanish 3 **LG06103**
Grades: 09 - 12 College Prep: No Credit: 0.500
Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

Spanish 4 **CBE06104**
Grades: 09 - 12 College Prep: No Credit: 0.500

African American Studies **LG06799**
Grades: 09 - 12 College Prep: No Credit: 0.500
African American Studies is an elective course, focused on the history, culture, activism, and art of African and African descended peoples in the
Americas. This class will cover distinct periods of African-American experience and narrative, including chattel slavery, the antebellum period,
the Civil War, the Jim Crow South, the Great Migration, the Civil Rights Movement, and the Post Civil Rights or Black Lives Matter Movement. Students will be expected to read African-American literature, retain key dates, names and ideas, and engage critically through essay, comprehension,
and project based assignments.

Logic **LG04306L**
Grades: 10 - 12 College Prep: No Credit: 0.500

Algebra 1 Foundations - elective **LG02058-**
Grades: 09 - 12 College Prep: No Credit: 0.500
These courses examine a specific topic in algebra, such as linear equations or rational numbers, rather than provide an overview of algebra concepts.

Algebra 1-1 **LG02052**
Grades: 09 - 12 College Prep: No Credit: 0.500
This is the first part of a two course cycle, credit will be granted after completion of the second part. (AZ02054) Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Algebra 1-2 **LG02054**
Grades: 09 - 12 College Prep: No Credit: 0.500
Algebra I is mapped to AzMERIT End of Course (EOC) Algebra I assessment. The second part in a multi-part sequence of Algebra I. This course generally covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

Algebra 1-2 Honors **LG02054H**
Grades: 09 - 12 College Prep: No Credit: 0.500
Algebra I is mapped to AzMERIT End of Course (EOC) Algebra I assessment. The second part in a multi-part sequence of Algebra I. This course generally covers the same topics as the second semester of Algebra I, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

Algebra 2-1 **LG02056**
Grades: 09 - 12 College Prep: No Credit: 0.500
This is the first part of a two course cycle, credit will be granted after completion of the second part. (AZ02059) Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

Algebra 2-2 **LG02059**
Grades: 09 - 12 College Prep: No Credit: 0.500
Algebra II is mapped to AzMERIT End of Course (EOC) Algebra II assessment. Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

Business Math 1 **CBE02154**
Grades: 09 - 12 College Prep: No Credit: 0.500

College Algebra **LG02069 -**
Grades: 09 - 12 College Prep: No Credit: 0.500
dual credit course with GCU - College level Algebra (MAT-144)

Geometry 1 **LG02072**
Grades: 09 - 12 College Prep: No Credit: 0.500
This is the first part of a two course cycle, credit will be granted after completion of the second part.(AZ02076) Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Geometry 2 **LG02076**
Grades: 09 - 12 College Prep: No Credit: 0.500
Geometry is mapped to AzMERIT End of Course (EOC) Geometry assessment. Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Pre-Calculus **CBE02110**
Grades: 09 - 12 College Prep: No Credit: 0.500
Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

Senior Math **CBE02061**
Grades: 09 - 12 College Prep: No Credit: 0.500
Senior Math (Applied Math) covers the fundamental mathematics necessary for students to obtain a broad range of skills. Although problems in this course apply to a variety of topics from Algebra to Geometry, emphasis is given to real-world applications. Students write and solve linear equations to represent situations such as the value of a car or the distance that a plane travels during a trip. Students explore area, perimeter, and volume, and then they apply these concepts to situations such as building a swimming pool. Students calculate conversions between the U.S. customary system of measurements and the metric system. Geometry concepts presented in this course include the Pythagorean Theorem, using similar triangles, finding dimensions, and interpreting scale on a map. Finally, students use statistical concepts to interpret data sets and turn those data sets into graphical representations.

Statistics **LG02201**
Grades: 09 - 12 College Prep: No Credit: 0.500
Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

Bioengineering **LG03052**
Grades: 09 - 12 College Prep: No Credit: 0.500
Students completing BIOE/ENGR.80 should have a working understanding of how to approach the engineering of living systems to benefit all people and the planet. Our three main goals for the course are:
to help you learn ways of thinking about engineering living matter,
to empower you to understand and practice engineering biology through DNA reading and writing, and
for you to become more capable of learning about and discussing bioengineering with others, including broader societal issues and ethical considerations.

Biology 1 **LG03051A**
Grades: 09 - 12 College Prep: No Credit: 0.500
Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Biology 2 **LG03051B**
Grades: 09 - 12 College Prep: No Credit: 0.500
Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Chemistry 1 **CBE03101**
Grades: 09 - 12 College Prep: No Credit: 0.500
Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Chemistry 2 **CBE03101**
Grades: 09 - 12 College Prep: No Credit: 0.500
Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

Earth and Space Science 2 **CBE03008**
Grades: 09 - 12 College Prep: No Credit: 0.500

Earth Science 1 **CBE03008**
Grades: 09 - 12 College Prep: No Credit: 0.500
Earth and Space Science courses introduce students to the study of the earth from a local and global perspective. In these courses, students typically learn about time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Advanced topics often include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.

Integrated Science 2 **LG03201B**
Grades: 09 - 12 College Prep: No Credit: 0.500
The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties?earth science, physical science, biology, chemistry, and physics?and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

Integrated Science I — LG03201A
Grades: 09 - 12 College Prep: No Credit: 0.500

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties?earth science, physical science, biology, chemistry, and physics?and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

Physical Science 1 — CBE03201
Grades: 09 - 12 College Prep: No Credit: 0.500

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties?earth science, physical science, biology, chemistry, and physics?and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

Physical Science 2 — CBE03201
Grades: 09 - 12 College Prep: No Credit: 0.500

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties?earth science, physical science, biology, chemistry, and physics?and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

Economics — LG04201
Grades: 09 - 12 College Prep: No Credit: 0.500

Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

Government — LG04151
Grades: 09 - 12 College Prep: No Credit: 0.500

U.S. Government?Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

Microeconomics — LG04203
Grades: 09 - 12 College Prep: No Credit: 0.500

The goal of this course is to familiarize you with the economy and microeconomic
reasoning, and it has been designed both for students who will go on to major in
economics and those who will never take another economics course. In this course you
will learn:
●How to calculate and interpret basic statistics about economic well-being and
inequality
●The nature of capitalism and the economic forces that determined where and
when the Industrial Revolution began
● The microeconomic models of individual choice and firm behavior
● Game theory to model strategic interactions
●How the quantity of goods produced and their prices are determined by the
interaction of consumers and producers in markets and the actions of the
government and other institutions

●How to identify the conditions under which markets will fail to produce socially
desirable outcomes in the context of incomplete information, external effects,
public goods, and limited competition.

US History 1 — LG04101A
Grades: 09 - 12 College Prep: No Credit: 0.500

U.S. History?Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

US History 2 — LG04101B
Grades: 09 - 12 College Prep: No Credit: 0.500

U.S. History?Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

World Cultures — LG04061
Grades: 09 - 12 College Prep: No Credit: 0.500

World Area Studies courses examine the history, politics, economics, society, and/or culture of one or more regions of the world, such as Africa, Latin America, the former Soviet Union, Far East Asia, and the Middle East. These courses may focus primarily on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region. Furthermore, these courses may emphasize one particular country (other than the United States), rather than emphasizing a region or continent.

World History 1 — LG04052A
Grades: 09 - 12 College Prep: No Credit: 0.500

In addition to covering the objectives of World History?Overview courses, World History and Geography courses provide an overview of world geography. These courses are often developed in response to increased national concern regarding the importance of geography, and they explore geographical concepts.

World History 2 **LG04052B**

Grades: 09 - 12 College Prep: No Credit: 0.500

In addition to covering the objectives of World History?Overview courses, World History and Geography courses provide an overview of world geography. These courses are often developed in response to increased national concern regarding the importance of geography, and they explore geographical concepts.