



2023-2024

Learn4Life
Course Catalog
Fall

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For availability of course offerings please check with school staff; course availability is subject to change from catalog and semester without prior notice.

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English 9 A/B**Transcript Category: English 9****Credits: 10 A-G: B**

Description: English 9 presents students with literature and informational texts that present themes such as “Finding Common Ground” and “The Struggle for Freedom” to enhance their understanding about the human condition. It is intended to provide challenging instruction, expand the students’ skill levels, and enrich the students’ knowledge with a wide variety of assignments including argumentative research essays, author biographies, reflective personal narratives, and literary analysis. This course explores a variety of genres including drama, short stories, seminal documents, non-fiction. Students will practice active reading and applying new literary terms in analyzing texts. As a result of this course, students will analyze characters and types of conflict. As critical readers, students will distinguish between fact and opinion and describe the credibility of the author. In addition, students will use context clues to better answer questions about the stories they read. As part of this course, students will read and respond to a variety of novels such as, but not limited to, Suzanne Collins’ *The Hunger Games* and Art Spiegelman’s autobiographical graphic novel *Maus*, as well as essential texts including Martin Luther King Jr.’s “I Have a Dream,” *Romeo and Juliet*, and *The Odyssey*. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

English 10 A/B**Transcript Category: English 10****Credits: 10 A-G: B**

Description: English 10 presents students with literature and informational texts that present themes such as “How We See Things” and “Ourselves and Others” to enhance their understanding about the human condition. Through their critical reading and analysis of texts including but not limited to *The Absolutely True Diary of a Part-Time Indian*, Neil deGrasse Tyson’s essay “Coming to Our Senses,” and additional selections from Josephine Baker, Jane Goodall, and Shakespeare, students create connections between English Language Arts and the world they encounter on a daily basis. Students are prompted to respond to these texts in various ways such as research presentations, personal narratives, and literary analysis. Through the texts and activities described, this course develops skills that serve as the necessary basis for continued learning and 21st century readiness, which enriches their individuality, fosters responsible citizenship, and preserves the common literary heritage of our culture.

English Honors 10 A/B**Transcript Category: English 10****Credits: 10 A-G: B**

Description: English 10 Honors presents students with literature and informational texts that present themes to enable their understanding about the human condition. The course teaches skills that serve as the necessary basis for continued learning and career development, which enrich their individuality, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students’ skill levels (including developing 21st century skills) and enriching the students’ knowledge with a wide variety of assignments. This course explores the genres of novel, poetry, current event, informational text, and short story. Students will further develop critical reading and comprehension skills. Students will identify the parts of a short story such as setting, point of view, mood, and character type. Students will also examine arguments to identify and analyze claims and reasoning. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

English 11 A/B**Transcript Category: English 11****Credits: 10 A-G: B**

Description: English 11 is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes, such as “Building a Democracy” and “The Individual and Society,” and a wide variety of genres. Students use literary interpretation, analysis, comparison, and evaluation to read and to respond to representative works of historical or cultural significance including but not limited to *The Great Gatsby*, *Animal Farm*, *The Bill of Rights*, and *Walden*. Students read classic and contemporary literature balanced with nonfiction--the major focus is the critical analysis of seminal U.S documents. Students examine and compose various types of writing including, literary analysis, satire, synthesis, and narrative as well as deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online and printed information. Successful completion of this course will prepare students for rigorous senior-level courses focused in critical reading and effective written expression.

English Honors 11 A/B**Transcript Category: English 11****Credits: 10 A-G: B**

Description: English 11 Honors seeks to engage students in a variety of literary and informational texts that explore real-world themes and issues to enhance their understanding of the human condition and the world around them. Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success. The themes explored also seek to recognize students’ individuality and to foster responsible citizenship and civil engagement. Students will engage in rhetorical analysis to help them become critical consumers of information. This course is designed to prepare students for AP and college level courses as well as assessments such as the SAT and ACT. It is intended to provide challenging instruction, expand the students’ skill levels (including developing 21st century skills) and enrich the students understanding of the human condition through a wide variety of activities that engage them in reading, writing, speaking, and listening.

English 12 A/B**Transcript Category: English 12****Credits: 10 A-G: B**

Description: English 12 is a rigorous course in which students will explore major works of British literature and how they connect with modern themes and essays from around the globe. As a result of this course, students will evaluate how the English language and ideals evolved over time after reading the Old English Legend of Beowulf, “the Wife of Bath’s Tale,” “A Modest Proposal,” and *Hamlet*. Students will also explore various social challenges and attitudes and how they are addressed in literature, such as gender roles, our role in nature, and the function of protest in the community. English 12 presents students with literature and text that convey values, emotions, and truths about the human condition. The course teaches skills necessary for further learning and career development. It challenges students to critically examine ideas that enrich the human spirit and provide a foundation for an informed, literate citizenry.

English Honors 12 A/B**Transcript Category: English 12****Credits: 10 A-G: B**

Description: English 12 Honors seeks to engage students in a variety of literary and informational texts that explore real-world themes and issues to enhance their understanding of the human condition and the world around them. Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success. The themes explored also seek to recognize students' individuality and to foster responsible citizenship and civil engagement. Students will engage in rhetorical analysis to help them become critical consumers of information. This course is designed to prepare students for college level courses as well as assessments such as the SAT and ACT. It is intended to provide challenging instruction, to expand the students' skill levels (including developing 21st century skills) and to enrich the students' understanding of the human condition through a wide variety of activities that engage them in reading, writing, speaking, and listening.

Integrated English and Performing Arts A/B**SGI Preferred****Transcript Category: English 9-12/CTE****Credits: 10 A-G: B**

Description: This project-based curriculum blends literature, art and media, empowering students to shed light on universal themes, and awaken & motivate communities. Students aim to answer two essential questions: How does expressive writing illustrate and influence the world? & How can your expressive writing impact your community? Students conceptualize text types, author's message/expressive intent, research methods, performance techniques and guided writing & rehearsal processes. Students also choose thematic novels and incorporate literary evidence into their projects. They apply their learning to research, multimedia presentation, narrative writing and spoken word performance. The course culminates in a final staged production and curation of a professional portfolio that includes academic and performance artifacts as evidence of learning.

Literature and Writing 9A**Transcript Category: English 9****Credits: 5 A-G: B**

Description: Literature and Writing teaches skills that serve as the necessary basis for further learning and career development, which enrich the human spirit, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels and enriching the students' knowledge with a wide variety of assignments. This course explores a variety of genres including dramas, short stories, and novels. Students will practice active reading and the learning of new literary terms. As a result of this course, students will analyze characters and types of conflict. As critical readers, students will distinguish between fact and opinion and describe the credibility of the author. In addition, students will use context clues to better answer questions about the stories they read. As part of this course, the second semester focuses on an in-depth analysis of a complex text. In addition, students will write essays in response to prompts about the literature they have read.

Literature and Writing 10A**Transcript Category: English 10****Credits: 5 A-G: B**

Description: Literature and Writing presents students with literature and informational texts that present themes to enable their understanding about the human condition. The course teaches skills that serve as the necessary basis for continued learning and career development, which enrich their individuality, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels (including developing 21st century skills) and enriching the students' knowledge with a wide variety of assignments. This course explores the genres of novel, poetry, current event, informational text, and short story. Students will further develop critical reading and comprehension skills. Students will identify the parts of a short story such as setting, point of view, mood, and character type. Students will also examine arguments to identify and analyze claims and reasoning. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

Literature and Writing 11A**Transcript Category: English 11****Credits: 5 A-G: B**

Description: Literature and Writing presents students with literature and informational texts that present themes to enable their understanding about the human condition. The course teaches skills that serve as the necessary basis for continued learning and career development, which enrich their individuality, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels (including developing 21st century skills) and enriching the students' knowledge with a wide variety of assignments. This course explores the genres of novel, poetry, current event, informational text, and short story. Students will further develop critical reading and comprehension skills. Students will identify the parts of a short story such as setting, point of view, mood, and character type. Students will also examine arguments to identify and analyze claims and reasoning. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

Literature and Writing 12A**Transcript Category: English 12****Credits: 5 A-G: B**

Description: Literature and Writing seeks to engage students in a variety of literary and informational texts that explore real-world themes and issues to enhance their understanding of the human condition and the world around them. Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success. The themes explored also seek to recognize students' individuality and to foster responsible citizenship and civil engagement. Students will engage in rhetorical analysis to help them become critical consumers of information. This course is designed to prepare students for college level courses as well as assessments such as the SAT and ACT. It is intended to provide challenging instruction, to expand the students' skill levels (including developing 21st century skills) and to enrich the students' understanding of the human condition through a wide variety of activities that engage them in reading, writing, speaking, and listening.

Literature and Writing 9-12B**Transcript Category: English****Credits: 5 A-G: B**

Description: This semester course allows students to explore a literary piece or genre in greater depth. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels and enriching the students' knowledge with a wide variety of assignments. There are four different semester options:

- Humor
- American Discourse
- To Kill a Mockingbird
- British Literature

Still I Rise: Literature of Women A/B**Transcript Category: English****Credits: 10 A-G: B**

Description: Literature of Women teaches critical thinking and analysis skills that serve as the necessary basis for further learning and career development, which enrich the human spirit, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at grade-level. Over the course of 10 credits, students will explore literature by women writers from many additional historically excluded communities, engaging in content that utilizes a variety of writing techniques to convey their messages. Still I Rise: Literature of Women also allows students to explore their writing deeper, with embedded writing scaffolds and peer review of Performance Tasks.

READ 180 1 A/B**Transcript Category: Elective****Credits: 10 A-G: No**

Description: READ 180 1 is designed to fill in foundational literacy gaps and prepare students to transition to English Intensive curriculum. It can also be used alongside other courses to enhance literacy skills. The program focuses on reading narrative and expository texts fluently and accurately with appropriate pacing, intonation, and expression. Students will learn how to monitor text for unknown words by using word, sentence, and paragraph clues to determine word meaning. Each credit covers foundational literacy skills, which include: identifying and analyzing features of themes, connecting and clarifying main ideas, understanding and explaining shades of meaning in related terms, and using correct and varied sentence types. Students will apply learned skills to writing activities. Students will also practice skills through Read 180 software and an independent reading component.

READ 180 2 A/B**Transcript Category: Elective****Credits: 10 A-G: No**

Description: READ 180 2 is designed to fill in foundational literacy gaps and prepare students to transition to English Intensive curriculum. It can also be used alongside other courses to enhance literacy skills. The program focuses on reading narrative and expository texts fluently and accurately with appropriate pacing, intonation, and expression. Students will learn how to monitor text for unknown words by using word, sentence, and paragraph clues to determine word meaning. Each credit covers foundational literacy skills, which include: identifying and analyzing features of themes, connecting and clarifying main ideas, understanding and explaining shades of meaning in related terms, and using correct and varied sentence types. Students will apply learned skills to writing activities. Students will also practice skills through Read 180 software and an independent reading component.

English Intensive 9 A/B**SGI Preferred****Transcript Category: English 9****Credits: 10 A-G: No**

Description: English Intensive 9 is designed to fill in academic gaps and prepare students to transition into grade-level English Language Arts courses. This course focuses on learning and implementing reading comprehension strategies, academic vocabulary acquisition, grammar practice, and developing formal writing structures. Students will interact with a variety of text types in each Learning Event Packet. Each LEP addresses a different comprehension skill connected to the texts. Students will also practice skills through Read 180 software and an independent reading component.

English Intensive 10 A/B**SGI Preferred****Transcript Category: English 10****Credits: 10 A-G: No**

Description: English Intensive 10 is designed to fill in academic gaps and prepare students to transition into grade-level English Language Arts courses. This course focuses on learning and implementing reading comprehension strategies, academic vocabulary acquisition, grammar practice, and developing formal writing structures. Students will interact with a variety of text types in each Learning Event Packet. Each LEP addresses a different comprehension skill connected to the texts. Students will also practice skills through Read 180 software and an independent reading component.

SGI English 12 A/B Intensive**Transcript Category: English 12**

Description: English Intensive 12 is designed to fill in academic gaps and prepare students to transition into grade-level English Language Arts courses. This course focuses on learning and implementing reading comprehension strategies, academic vocabulary acquisition, grammar practice, and developing formal writing structures. Students will interact with a variety of text types in each Learning Event Packet. Each LEP addresses a different comprehension skill connected to the texts. Students will also practice skills through Read 180 software and an independent reading component.

SGI Preferred**Credits: 10 A-G: No****System 44 I 1 A/B****Transcript Category: Elective**

Description: System 44 is designed to fill in foundational literacy gaps for beginning decoders and prepare students to transition English Intensive curriculum. The program focuses on phonemic awareness, phonics, decoding, fluency, academic vocabulary, reading comprehension, spelling, and grammar. Each Learning Event Packet covers specific foundational literacy skills, which directly relates to an assortment of leveled texts. Students apply learned skills to writing activities that are supported with sentence frames and structured outlines. Students will also practice skills through System 44 software and a modeled independent reading component.

Credits: 5 A-G: No**System 44 I 2A****Transcript Category: Elective**

Description: System 44 is designed to fill in foundational literacy gaps for beginning decoders and prepare students to transition English Intensive curriculum. The program focuses on phonemic awareness, phonics, decoding, fluency, academic vocabulary, reading comprehension, spelling, and grammar. Each Learning Event Packet covers specific foundational literacy skills, which directly relates to an assortment of leveled texts. Students apply learned skills to writing activities that are supported with sentence frames and structured outlines. Students will also practice skills through System 44 software and a modeled independent reading component.

Credits: 5 A-G: No**System 44 II 1 A/B****Transcript Category: Elective**

Description: System 44 is designed to fill in foundational literacy gaps for developing decoders and prepare students to transition English Intensive curriculum. The program focuses on phonemic awareness, phonics, decoding, fluency, academic vocabulary, reading comprehension, spelling, and grammar. Each Learning Event Packet covers specific foundational literacy skills, which directly relates to an assortment of leveled texts. Students apply learned skills to writing activities that are supported with sentence frames and structured outlines. Students will also practice skills through System 44 software and a modeled independent reading component.

Credits: 5 A-G: No

Writing Intensive I A/B**Transcript Category: English 9-10**

Description: Writing Intensive I is designed for Literacy students who are reading at or near proficiency, but are in need of academic writing supports. The curriculum uses the CERCA framework to teach students a systematic approach to argumentative and informative writing. Through standards-aligned close reading and academic writing lessons, ThinkCERCA approaches literacy instruction to prepare students for post-secondary life. Each learning event packet has a relevant and high-interest topic that focuses on a specific set of skills that students will master in their writing. Students will also have access to grade level text and see skills modeled and scaffolded to build their own capacity and mastery of the writing skills presented in the course.

SGI Preferred**Credits: 10 A-G: B****Writing Intensive II A/B****Transcript Category: English 11-12**

Description: Writing Intensive II is designed for Literacy students who are reading at or near proficiency, but are in need of academic writing supports. The curriculum uses the CERCA framework to teach students a systematic approach to argumentative and informative writing. Through standards-aligned close reading and academic writing lessons, ThinkCERCA approaches literacy instruction to prepare students for post-secondary life. Each learning event packet has a relevant and high-interest topic that focuses on a specific set of skills that students will master in their writing. Students will also have access to grade level text and see skills modeled and scaffolded to build their own capacity and mastery of the writing skills presented in the course.

SGI Preferred**Credits: 10 A-G: B**

English Language Development

Conventional English A/B

Transcript Category: English

Credits: 10 A-G: B

Description: The goal of this course is to build upon and further improve EL students' academic language skills and prepare them for more rigorous, college level courses. The curriculum is divided into units that encourage students to practice reading, writing, listening, and speaking skills while thinking critically about relevant essential questions. Through reading a variety of fiction and non-fiction texts, students practice comprehension, critical thinking, and analysis strategies. They practice speaking and listening skills through academic discussions, presentations, note taking skills, and authentic group projects. Students expand their academic vocabulary knowledge and engage in many different forms of writing to express knowledge and demonstrate skills. Students use the writing process to produce a variety of writing genres that they will use in higher level academic courses, including narrative, research, and literary analysis, while also studying relevant grammar and sentence structure topics in context.

English Language Development II A/B

Transcript Category: English

SGI Preferred

Credits: 10 A-G: B

Description: This course incorporates all four English Language Development domains (reading, writing, listening, and speaking) in various literary context which guides instruction to move students to advance towards English fluency. Connections between basic interpersonal communication skills and cognitive academic language proficiency will be emphasized through literature, real- life experiences, historical contexts, and cultural influences. By using reading strategies, unit-related vocabulary, literary concepts, grammar development and conjugation, students will acquire the basics of English language and grammar. Students will also obtain writing skills from phrases to sentences and sentences to a paragraph as they advance towards ongoing language development.

English Language Development III A/B

Transcript Category: English

SGI Preferred

Credits: 10 A-G: B

Description: This course provides English Learners explicit, rigorous, focused, and guided instruction in all four English Language development domains (reading, writing, speaking and listening). Students will maximize their academic success by accelerating their academic language acquisition and developing transferable academic skills in preparation for the 21st century, careers, life, and beyond. Reading development is focused on the following types of literature: informational, expository, argumentative, poetry, fiction and non-fiction texts. Students will further develop their writing skills from composing paragraphs to essays as they advanced towards their language development of English.

English Language Development IV A/B

Transcript Category: English

SGI Preferred

Credits: 10 A-G: B

Description: This course provides English Learners explicit, rigorous, focused, and guided instruction in all four English Language development domains (reading, writing, speaking and listening). This course is focused on language acquisition and preparing students for success in grade-level English and content courses. Reading development is focused on increasing complex texts in multiple genres: narrative, informational, expository, and argumentative, poetry, fiction and non-fiction texts. Students will further develop their writing skills by composing several essays in many different writing modes advanced towards their language development of English.

English Language Development

Rosetta Stone 1A (American English)

Transcript Category: Elective

SGI Preferred

Credits: 5 A-G: No

Description: In this Level 1 course units 1-4, lessons in language basics, greetings and introductions, work, and school, are introduced using the Rosetta Stone language learning software. Students will be introduced to key English vocabulary and grammar in lessons focusing on simple greetings, questions and answers, colors, professions, clothing, numbers from 1 to 6, and quantities. Providing a variety of games and activities students can use to learn their first English words, as well as the larger language and cultural concepts they represent. It is fully interactive, using multimedia technology in a step-by-step sequence of lessons.

Rosetta Stone 1A (American English)

Transcript Category: Elective

SGI Preferred

Credits: 5 A-G:No

Description: This is a Level 2 course covering units 5-8 that expands on the knowledge learned in Rosetta Stone 1A, with lessons about friends and social life, dining, and vacation, using the Rosetta Stone language learning software. Students will learn some of the most-needed English communication skills for anyone venturing past the comfort of their own home. Travel and spatial relationships of people, places, and objects are overarching themes that mesh frequently as students learn to give and follow directions, navigate through cities using maps, tell time and differentiate between units of time, and talk about the weather and destinations.

Rosetta Stone 2A (American English)

Transcript Category: Elective

SGI Preferred

Credits: 5 A-G:No

Description: This Level 3 units 9-12 exemplifies how Lesson content has increased in complexity over the previous two courses. Vocabulary challenges soar as students delve into a host of words with unique relationships, such as the antonyms; always and never, full and empty, easy and difficult. New spatial prepositions complement those learned earlier in the course, allowing students to describe placement of objects and people in greater detail than before. Practical matters of life are spotlighted as Lessons focus on household chores; kitchen and bathroom items; the human body; injuries, ailments, and medical emergencies; and exercise, team sports, and strength.

Rosetta Stone 2B (American English)

Transcript Category: Elective

SGI Preferred

Credits: 5 A-G:No

Description: Resuming to expand the English language, this Level 4 units 13-16 course has lessons on tourism, business, and leisure. vocabulary, sentence construction, usage, and written and verbal communication skills. Students are now ready for more complex activities than previously encountered in previous courses, that require critical thinking about how to bring together elements of the English language they have learned and apply them to real-life situations. Students will practice skills, with intertwined sub-themes including travel planning, visits to art museums and gift shops, and dining in restaurants

Rosetta Stone 3A (American English)

Transcript Category: Elective

SGI Preferred

Credits: 5 A-G:No

Description: This is a Level 5 units 17-20 course, providing lessons on business and industry, arts and academics. Continuing to provide a variety of games and activities students can use to learn English words, as well as the larger language and cultural concepts they represent. Students will be using grammar, vocabulary, and conversational language to write help wanted advertisements, and collaboratively write a report about various job industries. With the arts and academics, the student will be able to describe possibilities, genres of literature and film, story, song, real and artificial. As well as understand government and citizenship, politics and law, war and peace, culture, and tradition.

Algebra 1 A/B

Transcript Category: Algebra

Credits: 10 A-G: C

Description: The fundamental purpose of Algebra 1 is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Critical areas include: (1) reasoning with equations, (2) linear and exponential relationships, (3) descriptive statistics, (4) expressions and equations, and (5) quadratic functions and modeling.

Algebra 2 A/B

Transcript Category: Mathematics

Credits: 10 A-G: C

Description: Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Critical areas include: (1) polynomial, rational, and radical relationships, (2) trigonometric functions, (3) modeling with functions, (4) inferences and conclusions from data.

Calculus A/B

Transcript Category: Mathematics

Credits: 10 A-G: C

Description: Calculus is the mathematical study of continuous change, in the same way that geometry is the study of shape and algebra is the study of manipulations of symbols through arithmetic operations. The course introduces students to calculation of instantaneous rates of change (differential calculus) and the summation of infinitely many small factors to determine some whole (integral calculus). This is a college readiness course for students who aim to study physics, chemistry, biology, economics, finance, or actuarial science at the post-secondary level. Though it is not offered for AP, this course covers topics that span Calculus AB and Calculus BC.

Geometry A/B

Transcript Category: Mathematics

Credits: 10 A-G: C

Description: The fundamental purpose of Geometry is to formalize and extend student's geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized early in this course. Critical areas include: (1) congruence and similarity, (2) trigonometry, (3) extending to three dimensions, (4) connecting algebra and geometry through coordinates, (5) applications of probability.

Integrated Math 1 A/B

Transcript Category: Algebra

Credits: 10 A-G: C

Description: In Integrated Math 1, students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, congruence, and transformations. Important Note: Integrated Math 1 satisfies the CA AB 220 Algebra I and Mathematics I requirement. The courses in the Integrated Pathway follow the structure introduced in the K–8 grade levels of the California Common Core State Standards for Mathematics (CA CCSSM); they present mathematics as a coherent subject and blend standards from different conceptual categories.

Integrated Math 2 A/B

Transcript Category: Mathematics

Credits: 10 A-G: C

Description: Integrated Math 2 expands into quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures. The courses in the Integrated Pathway follow the structure introduced in the K–8 grade levels of the California Common Core State Standards for Mathematics (CA CCSSM); they present mathematics as a coherent subject and blend standards from different conceptual categories.

Integrated Math 3 A/B

Transcript Category: Mathematics

Credits: 10 A-G: C

Description: In Integrated Math 3, students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions. The courses in the Integrated Pathway follow the structure introduced in the K–8 grade levels of the California Common Core State Standards for Mathematics (CA CCSSM); they present mathematics as a coherent subject and blend standards from different conceptual categories.

Pre-Algebra A/B

Transcript Category: Elective

Credits: 10 **A-G:** No

Description: The fundamental purpose of Pre-Algebra is to support the maturation of arithmetic concepts into algebraic concepts, develop the formal notion of a function, continue to develop their understanding of data representations into statistics, and to lay the foundations for later courses in deductive geometry. Critical areas include: (1) formulating and reasoning about expressions and equations, (2) grasping the concept of a function and using functions to describe quantitative relationships, and (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

Pre-Calculus A/B

Transcript Category: Mathematics

Credits: 10 **A-G:** C

Description: Precalculus is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

Personal Finance A/B

Transcript Category: Mathematics

Credits: 10 **A-G:** No

Description: Personal Finance A/B is a ten-credit non A-G math course focused on helping students gain the essential knowledge and skills necessary to make informed decisions about real world financial issues. This includes concepts and applications related to personal income, budgeting, recordkeeping, starting a bank account, paying off credit cards, car loans, home mortgages, and investments. The content is highly accessible for all students and will be an important option for career readiness students. The course is self-contained within the LEPs, including all instruction, homework, student-friendly learning goals, lesson checkpoints, and credit checkpoints.

Algebra Essential Skills (AES)

Transcript Category: Elective

Credits: 5 A-G: No

Description: Algebra Essential Skills (AES) is a 5 credit elective course designed as intervention for the Algebra 1 A/B course. Each one credit of AES corresponds to standards covered in two credits of Algebra 1. AES provides supplementary instruction, intervention, and additional formative assessment for algebraic concepts students most struggle with, including but not limited to 1) tools necessary to solve one variable equations 2) understanding the relationship between graphs, tables, and equations 3) distinguishing between key features of linear, exponential, and quadratic graphs 4) real world applications of slope and how they can be used to derive linear equations 5) culturally relevant applications of statistical concepts including the mean, standard deviation, and z-score 6) graphic organizers to help students distinguish between how and why factoring polynomials is important in the real world. The SDAIE strategies utilized throughout the AES course provide support and increased access to content for English Language Learners at Learn4Life.

Algebra Intensive 1

Transcript Category: Mathematics

SGI Preferred

Credits: 5 A-G: C

Description: The first part of this four-semester series explores the foundations of Algebra, as students work through real world situations by modeling and the use of functions. This Algebra class, enhanced by the Math 180 program, is designed for students with substantial learning gaps that need additional Pre-Algebra scaffolding. Key areas of study are the following: (1) solving multi-step equations, (2) compound equations and inequalities, (3) understanding relations and functions, (4) comparing quantities (5) function modeling, (6) distance-time graphs (7) graphing functions, (8) constructing arithmetic sequences, (9) rate of change and slope.

Algebra Intensive 2

Transcript Category: Algebra

SGI Preferred

Credits: 5 A-G: C

Description: The second part of this four-semester series focuses on analyzing data and determining trends from the information collected. Students will first review the foundations of ratios and proportions, helping them get a better grasp of the ways they can manipulate numbers. This will prepare them to answer questions about real-world scenarios with the information they gather, organize, and display using various statistical models. Key areas of study are the following: (1) representing ratios (2) using functions to solve equations, (3) rewriting linear equations, (4) measures of center and spread, (5) relationships in ratio tables (6) histograms and box plots, (7) scatter plots and trend lines, (8) fitting linear models to data, (9) solving and graphing linear systems of equations.

Algebra Intensive 3

Transcript Category: Mathematics

SGI Preferred

Credits: 5 A-G: C

Description: The third part of this four-semester series builds on the previously covered linear function concepts and introduces the students to exponential functions and graphs. Here, students will learn techniques to manipulate polynomial expressions and rewrite quadratic functions to simplify them. Key areas of study include: (1) geometric sequences, (2) graphing and transforming exponential functions, (3) interpreting linear equations (4) representing proportional relationships (5) polynomial expressions, (6) manipulating binomials, (7) transforming quadratic functions.

Algebra Intensive 4

Transcript Category: Algebra

SGI Preferred

Credits: 5 A-G: C

Description: The final part of this four-semester series takes the essentials from the previous sections and challenges the students to model and solve with quadratics. In addition to graphing exponential and quadratic equations, the students will also learn additional strategies to simplify trinomials and polynomials. Key areas of study are the following: (1) zero product property, (2) factoring equations, (3) squares and square roots (4) reasoning with linear systems (5) solving equations by taking square roots, (6) comparing linear and exponential models, (7) modeling with quadratic functions.

Basic Math A/B

Transcript Category: Elective

Credits: 10 A-G: No

Description: Basic Math A and B provides an review of critical basic mathematics skills. It includes the fundamental numeral operations of addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals; ratios and proportion, percent, systems of measurement, and an introduction to geometry. Modules of this easy-to-follow course can be used in a prescriptive manner to address students' weaknesses head on.

Geometry Essential Skills (GES)

Transcript Category: Elective

Credits: 5 A-G: No

Description: Geometry Essential Skills (GES) is a 5 credit elective course designed as intervention for the Geometry A/B course. Each one credit of GES corresponds to standards covered in two credits of Geometry. GES provides supplementary instruction, intervention, and additional formative assessment for geometric concepts students most struggle with, including but not limited to 1) transformations 2) angle relationships 3) distinguishing between similarity and congruence 4) special properties of parallel lines 5) identifying key similarities and differences between triangles, quadrilaterals, and circles. This GES course also provides a review of algebraic concepts essential to be successful in Geometry, including integers, fractions, solving equations, and graphing. The SDAIE strategies utilized throughout the course provide additional support and increased access to content for English Language Learners at Learn4Life.

Math Foundations

Transcript Category: Mathematics

Credits: 5 A-G:-

No

Description: Math Foundations is a 5 credit early intervention math elective course designed for students that struggle with Number and Operations. The course provides supplementary instruction, practice, and assessment for the 3rd – 6th grade standards most essential for preparing students for the rigor of the Learn4Life Mathematics core pathway. The topics include, but are not limited to 1) Fractions as division 2) Equivalency between fractions, decimals, and percentages 3) Applications of the greatest common factor vs. least common multiple 4) Reciprocity and the relationship between fraction multiplication and division 5) Negative numbers and integers 6) Exponents and scientific notation 7) Mental math strategies. The Math Foundations course is designed around SDAIE strategies that provide support and increased access to content for English Language Learners at Learn4Life.

MATH 180 1 A/B Track 1

Transcript Category: Elective

Credits: 10 A-G: No

Description: The purpose of MATH 180 Course 1 Track 1 is to provide targeted support for students that struggle with foundational arithmetic concepts. This course creates a bridge between arithmetic and algebra by focusing on the standards that are essential for algebra readiness. Critical areas include: (1) Applying the distributive property to expand on multiplication and division strategies, (2) reviewing fraction concepts and their application to rates and ratios, and (3) introducing decimal operations and integers.

MATH 180 2 A/B Track 1

Transcript Category: Elective

Credits: 10 A-G: No

Description: The purpose of MATH 180 Course 2 Track 1 is to continue building upon the essential skills needed for algebra 1. Critical areas include: (1) connecting ratio and rates to whole number multiplication and division using concepts of ratios and rates to solve problems, (2) developing an understanding of proportional relationships and using proportional thinking to solve problems, (3) developing an understanding of proportional and linear relationships using applications of percents and interpreting linear equations, (4) developing an understanding of linear and non-linear equations including writing and interpreting equations using tables and graphs, and (5) using functions to describe quantitative relationships and reasoning with possible solutions to real-world problems using systems of equations.

MATH 180 1B Track 2

Transcript Category: Elective

Credits: 5 A-G: No

Description: The purpose of MATH 180 Course 1 Track 2 is to review rational expressions and integers using real-world simulations and adaptive, computer based practice. Critical areas include: (1) Comparing fractions using visual models and representation with equations, (2) using patterns to connect fractions to division, (3) applying the meaning of place value and addition and subtraction to decimals, and (4) generating situations that can be represented by integers.

MATH 180 2 A/B Track 2

Transcript Category: Elective

Credits: 10 A-G: No

Description: The purpose of MATH 180 Course 2 Track 2 is to introduce rates, graphing and functions to students in an interactive and engaging way. Students who have struggled with these concepts in the past will gravitate to the adaptive computer software practice and in-class lessons designed to foster cross collaboration with their peers. Critical areas include: (1) Describing motion in a graph using precise language, (2) identifying and evaluating ratios using multiple visual representations, and (3) comparing two linear functions, one described verbally, and one described in a table.

MATH 180 2 A/B Track 3

Transcript Category: Elective

Credits: 10 A-G: No

Description: The purpose of MATH 180 Course 2 Track 3 is to reinforce and review the critical Pre-Algebra skills needed for success in Algebra 1. By reviewing the basics of ratios, functions and graphs through the use of real-world applications and career-oriented simulations, the students will be able to engage with the material and strengthen their math foundation. Critical areas include: (1) Determining the slope of a line in two ways to show equivalence of fraction problems, (2) using a graph to write an equation that represents a linear function, (3) calculating the solution for a system of equations and (4) evaluating an expression by substituting an x-value.

MATH 180 2B Track 4

Transcript Category: Elective

Credits: 5 A-G: No

Description: The purpose of MATH 180 Course 2 Track 4 is to continue building upon the essential skills needed for Algebra 1. Critical areas include: (1) understanding proportional and linear relationships using applications of percents and interpreting linear equations, (2) understanding solutions sets with proportional relationships and applications of percents, (3) analyzing and comparing equations with exponents and square roots, (4) understanding linear and non-linear equations including writing and interpreting equations using tables and graphs, (5) using equations to describe quantitative relationships and reasoning with systems of equations, and (6) analyzing linear systems of equations and possible solutions to real-world problems.

Biology A/B**Transcript Category: Life Science****Credits: 10 A-G: D**

Description: The main purpose of Biology is to develop an understanding of life in the natural world. The overarching ideas of the course include: the origins of life, photosynthesis, cellular respiration, genetics, evolution, and ecology. Students will investigate how humans impact the biosphere and Earth's natural cycles.

Chemistry A/B**Transcript Category: Physical Science****Credits: 10 A-G: D**

Description: The main purpose of Chemistry is to develop an understanding of the composition, structure, and properties of matter, the processes matter undergoes, and the energy changes that accompany these processes. The overarching ideas of the course include: the structure of matter, the periodic table, molecules and compounds, stoichiometry, states of matter, aqueous solutions, chemical reactions, oxidation/reduction, chemical equilibrium, nuclear chemistry, and biochemistry.

Earth Science A/B**Transcript Category: Physical Science****Credits: 10 A-G: D**

Description: The main purpose of Earth Science is to develop an understanding of the Earth and the universe around it. The overarching ideas of the course include: Earth's place in the solar system, the universe and stars, the big bang theory, the history of planet Earth, Earth's materials and systems, plate tectonics, Earth's surface processes and features, weather and climate, natural resources, natural hazards, human impact on Earth's systems, and global climate change.

General Science 1 A/B**Transcript Category: Physical Science****Credits: 10 A-G: GD**

Description: This course will introduce you to processes that continue to make Earth a unique planet that supports life as we know it. You will learn about the history and formation of Earth, plate tectonics, Earth's internal processes, our solar system, the universe, forces, and energy. You will use the knowledge you have gained in the course to analyze data, form an opinion, and defend your opinions based on scientific evidence.

General Science 2 A/B**Transcript Category: Life Science****Credits: 10 A-G: GD**

Description: This course will introduce you to the fundamental building blocks that make up matter, including all forms of life as we know it. You will learn about the periodic table, phase changes, chemical equilibrium, nuclear chemistry, biological molecules, biological systems, genetics, and evolution. You will use the knowledge you have gained in the course to analyze data, form an opinion, and defend your opinion based on scientific evidence.

Integrated Science 1 A/B**Transcript Category: Physical Science****Credits: 10 A-G: D**

Description: The main purpose of Integrated Science I is to develop an understanding of the physical sciences. The overarching ideas of the course include: The history of Earth, Earth's internal processes, plate tectonics, dating the geosphere, the cause and effect relationship in the motion of objects, collisions, and the movements of astronomical bodies. Also, students will track the flow of energy through a simplified model of systems at various scales to determine the dynamic properties occurring in the natural system.

Integrated Science 2 A/B**Transcript Category: Life Science****Credits: 10 A-G: D**

Description: The main purpose of Integrated Science II is to develop an understanding of life science. The overarching ideas of the course include: the periodic table, phase changes, chemical equilibrium, nuclear processes, biochemistry, photosynthesis, cellular respiration, genetics, and evolution.

Introduction to Marine Science**Transcript Category: Elective****Credits: 5 A-G: GD**

Description: Introduction to Marine Science will introduce Earth's oceans, oceanic geological features, and shoreline features, as well as a detailed exploration of coastal California. Students will explore three main groups of important sea life: marine invertebrates, fishes, and marine mammals. They will be introduced to important threats to marine habitats and be able to list and describe organisms under threat, the cause, and discuss ways to mitigate the problems.

Science Essentials A/B**Transcript Category: Elective****Credits: 10 A-G: GD**

Description: The scientific method is the best processes humans have developed for determining how phenomena in our universe work. It involves asking a question and eliminating all possible answers except for one: that which is correct. As our knowledge of the world grows, the understanding of these answers can change, which improves the accuracy of explanations. This course will provide an introduction to the tools and skills needed to learn all fields of science including: application of the scientific method, metric calculations, data presentation, secondary research, and experimental design. In addition, students will analyze claims, evaluate evidence, and then apply reasoning to validate textual information. With these skills, students will be able to further their study of more specific fields of life and physical science.

Civics/American Government

Transcript Category: Civics

Credits: 5 A-G: A

Description: The study of Civics allows our students to be prepared to participate fully and effectively in our nation's democracy. Gaining civic knowledge and skills makes it possible for our students to understand and preserve the fundamental values and principles of American constitutional democracy. This course will examine the origins, structure, and purpose of American government, the rights of its citizens, how the US interacts in world affairs, and what it means to be a citizen of the US.

Civic Engagement

Transcript Category: Civics

Credits: 2 A-G: No

Description: This project-based course aims to inform and guide students through a range of Civic Engagement experiences, including political rallies and elections, volunteer work and service learning. Students explore the nature of the American democratic system, shared values and responsibilities of citizens, civic engagement, roles of government officials, influence of public opinion on government and the voting and public policy processes. Throughout their projects, students build literacy by strengthening and activating research, writing, presentation and public speaking skills. The curriculum addresses Common Core Literacy and California State Standards for History/Social Studies.

Economics

Transcript Category: Economics

Credits: 5 A-G: A

Description: Understanding economics is essential in today's globalized world. Students need to become aware of the causes and consequences of economic decisions and public policy. This course will help our students develop "economic literacy" to allow them to make successful economic decisions in their lives. The course examines economics at the individual, professional, national, and global levels. This course also helps students understand the importance of supply and demand, and the importance of developing economic literacy regarding their personal finances.

Sociology A/B

Transcript Category: Elective

Credits: 10 A-G: GA

Description: Sociology is the study of society and its impact on the individual. Students will learn about the methods of research used by sociologists, and they will discover some of the challenges faced when studying people and society. Through this course, students will learn about sociological elements such as culture, socialization, social interaction, social structure, social institutions, crime and deviance, social stratification, gender and sexuality, race and ethnicity, and education. Students will begin to understand how these elements of society affect the individual.

US History A/B

Transcript Category: US History

Credits: 10 **A-G:** A

Description: According to The Declaration of Independence, the founders of the United States believed that “All men are created equal, that they are endowed by their Creator with ... Liberty.”

Yet throughout the history of the nation, many in the United States have been denied liberty and equality. In this course, students examine the major lessons of United States’ history, from the founding of the nation to the present. Students will explore the founding documents of the United States and analyze how and why the principles of equality and liberty were realized by and extended to many, yet also denied to many. The course begins with an introduction to the political and religious foundations of the United States and concludes with a focus on contemporary concerns. This course chronologically presents the important moments, lessons, cultures, and people that shaped the United States.

US History A/B Chronological

Transcript Category: US History

Credits: 10 **A-G:** A

Description: In this course, students examine the major events and lessons from United States’ history from the late eighteenth century to the present. This course is organized chronologically to assist students that prefer to learn history in this manner. Students will also learn transfer skills that they can utilize in other courses.

US History A/B (Thematic)

Transcript Category: US History

Credits: 10 **A-G:** A

Description: United States History takes a thematic approach to learning about the country’s past. Students will examine and analyze the causes and consequences of major historical events in the United States. The course is viewed through the lens of three themes: Revolution and Freedom, Immigration and the American Dream, and the United States’ impact on the world through foreign policy.

World History A/B

Transcript Category: World History

Credits: 10 **A-G:** A

Description: World History takes a global and comparative approach to studying the world and it’s past to develop a greater understanding of how the Modern World was shaped. Students will examine and analyze the causes and consequences of major historical events and how these events affected people across regions and across time. The 300-year period covered in this course examines the increase of a global history as people, products, disease, knowledge, and ideas spread around the world as never before.

Health**Transcript Category: Health****Credits: 5 A-G: GO****CHYA Compliant: No**

Description: This course is designed to provide students with ample opportunities to build a solid foundation in health education that promotes positive emotional, mental, social and physical behaviors and practices and supports a lifetime of good health and productivity. Students learn the physical, academic, mental, and social benefits of physical activity and how nutrition impacts their short- and long-term personal health. Students also learn essential skills for injury and violence prevention; strategies for optimal mental, social, and personal health; and responsible decision-making. Health education instruction is best provided by credentialed health education teachers or a credentialed school nurse with a specialized teaching authorization in health ideally in a stand-alone, year-long health class to best meet students' need for high-quality, effective health education.

Integrated Health and Patient Care**SGI Preferred****Transcript Category: Health/CTE****Credits: 5 A-G: GO****CHYA Compliant: Yes**

Description: This course integrates Health with the Patient Care (Health Science and Medical Technology) CTE pathway. Students with the necessary knowledge and skills to promote health literacy, wellness, and positive behavior. The course takes students on a fascinating journey helping them learn different ways to promote wellness while identifying the causes of health problems and ways to prevent them. Students will identify ways related to promoting emotional, physical, and social health. Several topics are covered by the course such as communication and teamwork, relationships, fitness, human anatomy, medical terminology, nutrition, food and consumerism, prevention and disease control, use and misuse of substances, injury prevention, safety, family, and personal values. The course provides students with a comprehensive understanding of anatomy, physiology, and pathophysiology of the human body. This course presents the tools for students to understand the importance of health and the necessary tools to promote wellness.

***Please note Integrated CTE Courses do NOT require a CTE Credentialed Teacher.**

Physical Education I A/B

Transcript Category: Physical Education

Credits: 10 A-G: No

Description: Physical Education I guides students through physical activity in five focus areas – aerobic & anaerobic exercise, motor movement, strength building, flexibility and comprehensive fitness. Each semester examines these concepts through the lens of specific types of sports, with Semester A focusing on running and Semester B on martial arts. Students consider the role each focus area plays in a healthy lifestyle, including corresponding exercises & nutritional needs, and conduct case studies of exemplary athletes in the respective fields. In their performance tasks for each credit, students assess their capacity in the respective focus areas, and perform & record physical activity equaling 12 hours (720 minutes). In credit 5, they are re-assessed in all focus areas to measure growth throughout the course.

Physical Education II A/B

Transcript Category: Physical Education

Credits: 10 A-G: No

Description: Physical Education II guides students through physical activity in five focus areas – aerobic & anaerobic exercise, motor movement, strength building, flexibility and comprehensive fitness. Each semester examines these concepts through the lens of specific types of sports, with Semester A focusing on strength and conditioning and Semester B on team sports. Students consider the role each focus area plays in a healthy lifestyle, including corresponding exercises & nutritional needs, and conduct case studies of exemplary athletes in the respective fields. In their performance tasks for each credit, students assess their capacity in the respective focus areas, and perform & record physical activity equaling 12 hours (720 minutes). In credit 5, they are re-assessed in all focus areas to measure growth throughout the course.

Art History A/B

Transcript Category: Visual and Performing Arts

Credits: 10 **A-G:** F

Description: This course will introduce students to a challenging and richly rewarding academic discipline. Not only will students learn the vocabulary of the visual arts – painting, architecture, sculpture, and photography – but they will also study the historical periods during which individual masterpieces were created. Through the visual arts the student will gain uniquely vivid glimpse into the human experience. This course focuses primarily on Western traditions and only begins to address non-Western traditions.

Digital Tools for Distance Learning

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: Digital Tools for Distance Learning is a five credit elective course covering the essential skills students need to be successful in distance learning. In this course, students will learn the methods for connecting, collaborating, and producing work using the digital tools available at Learn4Life Schools. These skills include getting started with digital learning, utilizing Google Suite applications, communicating digitally, accessing and submitting school work, and organizing digital artifacts.

Dual Enrollment Support

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: This Dual Enrollment Support course is designed to provide engaging and relevant support for students currently enrolled in a Dual Enrollment program. In addition to fulfilling all of the attendance and work requirements in the Dual Enrollment program, the student will be meet with an L4L teacher/tutor to monitor and reflect on the work being done. This course will help guide and equip students with the tools and skills needed to successfully complete a Dual Enrollment course.

Essay Composition

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: Essay Composition is a 5-credit elective course taught in an SGI format. It takes students through the “critical” / “close” reading process of four different textual sources on one subject/topic. It teaches students to select relevant textual evidence and to determine the author’s central claim within a text. It then teaches students to write purposefully, using textual evidence, to develop a multi-paragraphed synthesis essay. It is offered as an SGI class because speaking and listening standards and in-class discussions are an important part of the learning.

Expressive Writing A/B

Transcript Category: Elective

Experiential Learning

Credits: 10 **A-G:** No

Description: A 10-credit trauma-informed literacy course that offers social and emotional support as students encounter youth poetry and express challenges they have experienced in their own lives. The course focuses on writing and responding to poetry and gives students a safe space to share and exchange personal thoughts, feelings and belief. The course increases teen literacy, builds resilience, and provides a platform for academic and social-emotional growth. Many of the Common Core College & Career Readiness Anchor Standards for English-Language Arts are introduced, developed and strengthened within the course, as students participate regularly in writing, literacy, and speaking activities.

Financial Literacy

Transcript Category: Elective

Credits: 5 A-G: GO

Description: Financial Literacy focuses on teaching students about money management, credits and loans, light investments, career choices, and insurance options. Students will read real-world scenarios that depict situations illustrating the listed concepts. Students will then be asked to place themselves in the scenario and create an appropriate plan. Students will be expected to finish a performance task at the end of each credit and an assessment test at the end of the first four credits.

Greek Mythology: Influence and Legacy

Transcript Category: Elective

Credits: 5 A-G: GA

Description: Greek Mythology: Influence and Legacy is a five-credit elective course that focuses primarily on Greek myths. Students study stories of the gods and heroes and analyze the values and beliefs those stories convey. Students will learn about the myths by reading primary sources, which include epic poems such as the Odyssey. Students will also analyze the influence Greek myths have on Western culture. Students will also study other records of classical mythology, including a range of literary sources, art (both ancient and modern), and the archaeology and architecture of ancient Greece.

HOPE Program Parenting Skills

Transcript Category: Elective

Credits: 10 A-G: No

Description: This elective course (HOPE Program Parenting Skills A & B) provides resilience-building and empowering curriculum focusing on various parenting skills topics from pregnancy through toddler years such as: Food and Nutrition, Baby/Toddler Safety, Child Development Stages, Healthy Parenting Styles, Home Safety, Water Safety, Health and Wellness, Financial Planning for Parents and more. This course was designed for students who are pregnant or parenting, but all students are welcome to take the course. If you are interested in teaching the course, please email Staci Roth (sroth@llac.org) for access to the lecture presentations and student LEPs.

Integrated Advanced Performing Arts

SGI Preferred

Transcript Category: CTE

Credits: 5 A-G: GF

Curriculum Title: Integrated S.L.A.M. Night Live

Description: Project-based course guides students through pre-production, production and post-production stages for the creation of a theatrical performance. Students follow research, writing, and rehearsal processes to prepare for a staged event. They also form mini-production teams that engage in event planning, technical theater production and media coverage in alignment with student interests. The integrated curriculum addresses National Arts Standards for California, California Common Core English Language Arts Anchor Standards, and Career Technical Education Standards.

***Please note Integrated CTE Courses do NOT require a CTE Credentialed Teacher.**

Integrated Family and Human Services

Transcript Category: CTE

Description: This integrated course incorporates multi-disciplinary academic work with CTE. The purpose is to provide students with a practical understanding of family relationships, including romantic relationships, human sexuality and reproduction, and early childhood development, topics that apply to potential career options in the Family and Human Services pathway as well as to student life experiences and choices. Through engaging with the school community and personnel, students will locate local resources and set in motion a personal pay-it-forward project to help people in managing problems and crises. The students' experience will culminate with the production of a portfolio of resources available to people and families in their own community.

SGI Preferred

Credits: 5 A-G: GO

Integrated Multimedia Production A

Transcript Category: CTE

Curriculum Title: Integrated Penning the Pandemic

Description: Students will follow the oral history tradition and utilize digital production tools to create a historical account of the COVID-19 Pandemic. Their projects include written, visual, audio and video content and are illustrative of the global crisis' impact on themselves, their families and communities. Students simultaneously learn to effectively navigate news coverage, evaluating the credibility & validity of traditional and social media sources. They compare and contrast the media narrative of world events with the shaping of the historical narrative through oral storytelling.

***Please note Integrated CTE Courses do NOT require a CTE Credentialed Teacher.**

SGI Preferred

Credits: 5 A-G: GF

Integrated Multimedia Production B

Transcript Category: CTE

Description: Learners analyze the United Nations Goals for Sustainable Development through a critical lens of cause campaigning. Students research various existing social, environmental and economic cause campaigns and evaluate their message, alignment with UN Goals, effective use of social media for campaigning, and partnerships with local and global non-profits and other businesses. They then create and publish their own change petition focused on a local issue, following the elements of a successful cause campaign they have analyzed.

***Please note Integrated CTE Courses do NOT require a CTE Credentialed Teacher.**

SGI Preferred

Credits: 5 A-G: GA

Introduction to Ethnic Studies

Transcript Category: Elective

Description: Learners will deepen their understanding and appreciation of ways in which race, ethnicity and cultural diversity have shaped America. This course will require students take a broad look at the ideology of race and cultural diversity. The primary focus is on the historical and social relationships among Native Americans, African Americans, Latino/as, and Asian/Pacific Americans. Issues of race and ethnicity are examined across different ethno-cultural traditions in order to interweave diverse experiences into a larger synthesis of the meaning of race and ethnicity in American life.

SGI Preferred

Credits: 5 A-G: GO

Psychology A/B

Transcript Category: Elective

Credits: 10 A-G: GA

Description: In this course students will examine the science of Psychology and the major sub-fields within Psychology. The course begins with the definition of Psychology and then students are introduced to the scientific method, core ideas, and theories of Psychology as well as each of the major sub-fields: neuroscience and behavior, sensation and perception, consciousness, learning, psychological disorders, memory and cognition, motivation, emotion, and personality, development and social psychology. Students will study the factors that influence human behavior and learn about the methods psychologists use in their science and practice. With opportunities to discover new knowledge and learn about established research findings and theories, students will gain an understanding of the complexities and diversity of human thought and behavior.

SOURCE A/B

Transcript Category: Elective

Credits: 10 A-G: GO

Description: SOURCE is a 12-week, 10-credit course currently available in small-group instructional format. Online and options are in the planning stages. The goal of SOURCE is to help students better navigate the many challenges life brings through a variety of activities that increase mindfulness, gratitude, and self-regulation. Students develop a deeper sense of connection and purpose, setting intentions and achieving goals through deliberate planning and practice. In each credit students learn a number of research-based and tested methods for cultivating physical, social, and emotional well-being, providing students with resources they can use to thrive. The course is based upon ACEs Science and positive psychology within the Learn4Life Trauma-Informed Career and Community Schools (TICCS) Model.

SOURCE IS

Transcript Category: Elective

Credits: 5 A-G: GO

Description: This elective course is a 5-credit version of the SOURCE A/B small-group instruction course. SOURCE is an acronym for “Students of United Respect, Consciousness, and Energy.” This course takes students through a series of exercises and activities to build resilience, strength, connection, and purpose for enhanced personal and community well-being. Students will practice mindfulness techniques, explore identity and community, learn about mindset and emotional regulation, and build skills in communication and empathy.

TOOLS 4 Success

Transcript Category: Elective

Credits: 5 A-G: No

Description: TOOLS 4 Success is a 5-credit course designed to help students develop strategies that will lead them towards success in school, work, relationships- and life in general! This course is filled with “Success-Building Strategies” to build self-awareness and provide students with tools to support how they think about themselves, the choices they make, and how they interact with the world. Throughout this course, students will be asked to reflect upon their behavior, experiences, attitude, and mindset. Many learning opportunities will challenge their current way of thinking. The goal of this course is to expand students’ personal “toolbox” so that they can acquire the knowledge and skills necessary to successfully navigate our ever-changing world.

Work Readiness & Computer Literacy

Digital Skills

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: Digital Skills is a course which covers many of the 21st century skills necessary for student academic and professional success. In this course students will learn the fundamental basics of the Google Drive Suite which includes Google Docs, Slides, Drawings, Gmail, and Calendar. Students will learn the importance of staying safe online as well as representing themselves in a positive light through their digital footprint. Students will learn and use a variety of tools to increase productivity and organization while working online. The course covers the importance of multimedia in enhancing academic and professional projects. Students will learn and apply advanced skills in the Google Drive Suite to ensure they maximize the features available. Lastly, students will design and create an online portfolio using Google Sites to showcase the work completed in the course.

Foundations of JAG

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: This course is a Career Readiness Course developed to provide engaging and relevant information by equipping students with the skills they need for employment. The Curriculum offers an integrated approach to exploring careers and their skill requirements. The course includes the skills, abilities, and learning dispositions that are required for success in 21st century society and workplaces. The curriculum comprises five modules: communication, career readiness, employability skills, leadership, and financial literacy.

Foundations in Computing

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: In Foundations of in Computing students will learn computing basics including common hardware and software terminology, keyboarding, file management, Internet use, Internet safety, email, cloud-based storage, downloading and installing programs, troubleshooting, setting up a computer, connecting to the Internet and connecting to a printer. They will also complete work in each of the three key Microsoft Office programs Word, Excel and PowerPoint. By the end of the course the student will be fundamentally prepared to use the computer for school, work, or personal use. Additionally, students will also explore pathways within the Information and Communication Technologies CTE industry sector.

Professional Skills

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: Professional Skills was developed to provide engaging and relevant information by equipping students with the skills they need for career-readiness. Students will dive into an integrated approach to exploring careers, develop skills, and learning dispositions that are required for success in 21st century society and workplaces. The course comprises five modules: employability skills, career research, getting a job, professionalism, and financial literacy.

World Languages

Spanish 1

Transcript Category: Foreign Language

SGI Preferred

Credits: 5 A-G: E

Description: Students will complete a mixture of work on the computer within the internet-based software Rosetta Stone, written work in the LEP, and an oral assessment with their assigned teacher. Rosetta Stone is an immersive and interactive learning system in which students are thrown into the world of language acquisition. The software includes lessons focusing on vocabulary, grammar, writing, listening, and speaking with the use of voice recognition software that evaluates pronunciation. The course is A-G approved and aligned with the California World Language Standards.

AP English Language and Composition A/B**Apex****Transcript Category: English****Credits: 10 A-G: B**

Description: Ready for a challenge? This course is the equivalent of an introductory college course and prepares students for the AP English Language exam. Explore a variety of textual forms, styles, and genres while working on expository & narrative writing skills. Texts include: *Into the Wild*, *The Great Gatsby*, *The Grapes of Wrath*, *A Raisin in the Sun*, *The Way to Rainy Mountain*, and *The Things They Carried*.

English 9 A/B**Edmentum****Transcript Category: English****Credits: 10 A-G: B**

Description: Begin your journey into high school English with this 9th grade English course. It provides an overview of key types of literature, such as short stories, poetry, fiction, and nonfiction. Edmentum course topics include: short stories, novels, poetry, Shakespeare (text: *Romeo & Juliet*), reading nonfiction, and argumentative & research writing. Apex course topics include: short stories, poetry, the novella (text: *The Metamorphosis*), drama (text: *Macbeth*), rhetoric of argument & speeches, and reinterpreting fiction (text: *The War of the Worlds*).

English 9 A/B**Apex****Transcript Category: English****Credits: 10 A-G: B**

Description: Our online English 9 course is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, and a full-length Shakespeare play, analyzing the use of elements of literature in developing character, plot, and theme. For example, in selected stories, students compare the effect of setting on tone and character development. Likewise, in the poetry unit, students analyze how artists and writers draw from and interpret source material.

English 10 A/B**Edmentum****Transcript Category: English****Credits: 10 A-G: B**

Description: Ready to tackle 10th grade English? Edmentum course topics include: literary devices, informative nonfiction, stagecraft (texts: *Antigone & Macbeth*), genre & context in fiction (text: *The Metamorphosis*), creative nonfiction, and form & language in poetry. Apex course topics include: types of prose, story elements (text: *American Born Chinese*), literary criticism, research papers (text: *Fast Food Nation*), practical documents, persuasive texts, the speech, and researched argumentation.

English 10 A/B**Apex****Transcript Category: English****Credits: 10 A-G: B**

Description: English 10 continues to develop students' reading, listening, and speaking skills. Readings include poems, stories, speeches, plays, and a graphic novel, as well as a variety of informational texts. The readings represent a wide variety of purposes and cultural perspectives, ranging from the Indian epic *The Ramayana* to accounts of Hurricane Katrina told through different media. Audio and video presentations enhance students' awareness and command of rhetorical techniques and increase their understanding of writing for different audiences.

English 11 A/B**Transcript Category: English**

Description: Gear up 11th grade English! Edmentum course topics include: American Literature through the 18th C, Romanticism, Realism & Naturalism, Modernism, Postmodernism, and Contemporary Literature. Apex course topics include: the American Revolution, Romanticism & Transcendentalism, the American narrative, the American Dream (text: *The Great Gatsby*), Modernism & language, redefining home (text: *A Raisin in the Sun*), fractured identities, and the influence of science & tech.

Edmentum**Credits: 10 A-G: B****English 11 A/B****Transcript Category: English**

Description: In our online English 11 course, students examine the belief systems, events, and literature that have shaped the United States. They begin by studying the language of independence and the system of government developed by Thomas Jefferson and other enlightened thinkers. Next, they explore how the Romantics and Transcendentalists emphasized the power and responsibility of the individual in both supporting and questioning the government. Students consider whether the American Dream is still achievable and examine the Modernists' disillusionment with the idea that America is a "land of opportunity."

Apex**Credits: 10 A-G: B****English 12 A/B****Transcript Category: English**

Description: This is your final high school English course, 12th grade English. Edmentum course topics include: Anglo Saxon & Medieval periods, the English Renaissance (texts: *Hamlet*, *Twelfth Night*), Neoclassicism, Romantic Era (text: *Frankenstein*, *Pride & Prejudice*), Victorian Era (texts: *Wuthering Heights*, *The Importance of Being Earnest*), and the Modern Era (texts: *The Time Machine*, *Mein Kampf*). Apex course topics include: monsters & heroes, sins & crimes (text: *Dante's Inferno*), Shakespeare (text: *The Tempest*), Swift & Defoe (text: *Robinson Crusoe*), *Frankenstein* (text: *Frankenstein*), World War II, colonizers & the colonized, and *Life of Pi* (text: *Life of Pi*).

Edmentum**Credits: 10 A-G: B****English 12 A/B****Transcript Category: English**

Description: The our online English 12 course asks students to closely analyze British literature and world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems *The Odyssey*, *Beowulf*, and *The Inferno*, in Shakespeare's *Tempest*, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all.

Apex**Credits: 10 A-G: B****English 12 Honors A/B****Transcript Category: English**

Description: Throughout this course, students analyze a wide range of literature, both fiction and nonfiction. They build writing skills by composing analytical essays, persuasive essays, personal narratives, and research papers. In order to develop speaking and listening skills, students participate in discussions and give speeches. Overall, students gain an understanding of the way British and world literature represent the array of voices that contribute to our global identity.

Apex**Credits: 10 A-G: B**

ELL Foundations Level 1 A/B**Transcript Category: Elective**

Description: The ELL Foundations: Level 1 course offers 32 multicultural reading selections in the following genres: myths and legends, biographies, poetry, short stories, and articles. Instructional materials are written at levels aligned to The Lexile® Framework for Reading, a scientific approach to reading measurement that provides a common scale for matching reader ability and text difficulty. It links your ability to read to the linguistic complexity of the selections provided. Alignment to the Lexile® Framework allows you to monitor your progress within the Lexile® scale.

Edmentum**Credits: 5 A-G: No****ELL Foundations Newcomer A/B****Transcript Category: Elective**

Description: The ELL Foundations: Newcomer course consists of 23 thematic lessons. Its design facilitates the introduction of basic vocabulary and sentence structure needed by beginning English language learners. These units enable students to experience immediate success in communicating in English while progressively developing skills necessary for success in ELL Foundations: Level 1. Online activities allow students to work independently. These activities can be repeated as often as necessary to ensure the mastery of beginning level reading skills and vocabulary development. Each lesson provides online Tutorials for students to do on their own or in a group as well as an online mastery test. Once students have mastered the Newcomers course, they are ready to begin Level I stories and activities.

Edmentum**Credits: 5 A-G: No**

African American History**Transcript Category: Civics**

Description: How have African Americans shaped the culture of the United States throughout history? Tracing the accomplishments and obstacles of African Americans from the slave trade through emancipation, and to the modern African diaspora, you will learn about the political, economic, social, religious, and cultural factors that have influenced African American life. In African American History, you'll come face to face with individuals who changed the course of history and learn more about slavery, racism, and the Civil Rights Movement. You will also explore how the history of African Americans influences current events today

Edmentum**Credits: 5 A-G: GA****American Government****Transcript Category: Civics**

Description: Ever wonder how the US government works, and how you can make change happen? Learn all this and more in this course! Edmentum's US Government course covers: foundations of US Democracy, branches & levels of government, civil rights, citizenship, civic participation, and foreign & domestic policy. Apex's American Government course goes over: origins of government, the U.S. Constitution, branches of government, liberties & rights, elections, foreign & domestic policy, and the role of citizens.

Edmentum**Credits: 5 A-G: A****AP Macroeconomics****Transcript Category: History and Culture**

Description: AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science, and history.

Apex**Credits: 5 A-G: GA****Economics****Transcript Category: Economics**

Description: This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

Edmentum**Credits: 5 A-G: GA****Economics****Transcript Category: Economics**

Description: Our online Economics course offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles. The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflations, and the national debt; and a survey of the global economy.

Apex**Credits: 5 A-G: GA**

US History A/B**Transcript Category:** US History

Description: Study how America has developed over the centuries. Edmentum course topics include: foundation of the US, a union in crisis, the rise of a modern nation, from war to recovery, WWII, a time of upheaval, the Reagan Era through today, and social studies concepts. The Apex course focuses on US History since the Civil War, including these topics: the US as an industrial nation, the Reconstruction, WWI, WWII, the Cold War, and the “information revolution.”

Edmentum**Credits:** 10 **A-G:** A**US History A/B****Transcript Category:** US History

Description: Our online U.S. History course traces the nation’s history from the pre-colonial period to the present. Students learn about the Native American, European, and African people who lived in America before it became the United States. They examine the beliefs and philosophies that informed the American Revolution and the subsequent formation of the government and political system. Students investigate the economic, cultural, and social motives for the nation’s expansion, as well as the conflicting notions of liberty that eventually resulted in civil war. The course describes the emergence of the United States as an industrial nation and then focuses on its role in modern world affairs. This course would be taken instead of regular US History A/B.

Apex**Credits:** 10 **A-G:** A**US History Since the Civil War A/B****Transcript Category:** US History

Description: Students evaluate the attempts to bind the nation together during Reconstruction while also exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the “information revolution” affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.

Apex**Credits:** 10 **A-G:** A**U.S. Government****Transcript Category:** Civics

Description: The interactive, problem-centered, and inquiry-based units in U.S. Government emphasize the acquisition, mastery, and processing of information. Semester A units include study of the foundations of American government and the American political culture, with units 2 and 3 covering the U.S. constitution, including its roots in Greek and English law, and the various institutions that impact American politics.

Edmentum**Credits:** 5 **A-G:** GA**U.S. Government and Politics Core****Transcript Category:** Civics

Description: In U.S. Government and Politics, students examine the history, principles, and function of the political system established by the U.S. Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the U.S. political system.

Apex**Credits:** 5 **A-G:** GA

World History Honors A/B**Transcript Category: World History**

Description: In World History Honors, students learn to see the world today as the product of a process that began thousands of years ago, when humans became a speaking, traveling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and change of human culture, governments, economic systems, and social structures. Students build and practice historical thinking skills, learning to connect specific people, places, events, and ideas to the larger trends of world history. In critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their capacity to reason chronologically, interpret and synthesize sources, identify connections between ideas, and develop well-supported historical arguments.

Apex**Credits: 10 A-G: No****World History A/B****Transcript Category: World History**

Description: Today's world is just a product of the history that has come before. Learn about that history, and you can better understand the modern world. Edmentum course topics include: historical thinking skills, European exploration, the Renaissance & the Reformation, the Age of Revolution, industry & nationalism, Imperialism & WWI, WWII, Communism & the Cold War, a changing globe, and the contemporary world. The Apex course focuses on World History since the Renaissance, including these topics: Europe under the Ancien Regime, the Age of Revolution, industrialization, Imperialism, WWI, WWII, and modern history post-WWII around the world.

Edmentum**Credits: 10 A-G: A****World History A/B****Transcript Category: World History**

Description: In our online World History course, students learn to see the world today as a product of a process that began thousands of years ago when humans became a speaking, traveling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and change of human culture, governments, economic systems, and social structures.

Apex**Credits: 10 A-G: A****World Geography A/B****Transcript Category: Elective**

Description: Have you always wanted to travel the world? Why not spend some time learning about the peoples and lands around Earth by studying Geography? Topics include: climate & weather, physical geography, people & geography, North America, South America, Europe, Asia, Africa, the Pacific World, and Antarctica. This course is very similar to Apex's Geography & World Cultures course.

Edmentum**Credits: 10 A-G: GA**

Algebra Readiness A/B**Transcript Category: Mathematics**

Description: Have you struggled with Algebra in the past, or perhaps you just don't feel confident jumping into Algebra? Algebra Readiness will help you get ready for Algebra 1 by reviewing middle school math. Course topics include: the number system, ratios & proportional relationships, expressions & equations, visualizing numbers, linear equations, systems of equations, functions, scientific notation, roots, and statistics & probability.

Edmentum**Credits: 10 A-G: No****Algebra 1 A/B****Transcript Category: Algebra**

Description: Learn the basics of Algebra and satisfy your Algebra requirement with this course. Edmentum course topics include: expressions, equations, inequalities, systems of equations, functions, exponents & polynomials, factoring polynomials, quadratic equations, and making conclusions from data. Apex course topics include: equations, inequalities, functions, exponents, sequences, polynomials, quadratic equations, data and statistics.

Edmentum**Credits: 5 A-G: C****Algebra 1 A/B****Transcript Category: Algebra**

Description: Course topics include problem-solving with basic equations and formulas; an introduction to functions and problem solving; linear equations and systems of linear equations; exponents and exponential functions; sequences and functions; descriptive statistics; polynomials and factoring; quadratic equations and functions; and function transformations and inverses.

Apex**Credits: 5 A-G: C****Algebra 2 A/B****Transcript Category: Algebra**

Description: Take Algebra 1 to the next level with Algebra 2! Edmentum course topics include: polynomial, rational, & radical relationships, complex numbers, polynomial functions, geometric sums, trigonometric functions, modeling with functions, graphing with functions, and making conclusions from data. Apex course topics include: expressions, equations, inequalities, quadratic & polynomial functions, rational & radical expressions & functions, statistical analysis, and trigonometry.

Edmentum**Credits: 10 A-G: C****Algebra 2 A/B****Transcript Category: Algebra**

Description: Course topics include quadratic equations; polynomial functions; rational expressions and equations; radical expressions and equations; exponential and logarithmic functions; trigonometric identities and functions; modeling with functions; probability and inferential statistics; probability distributions; and sample distributions and confidence intervals.

Apex**Credits: 10 A-G: C****Geometry A/B****Transcript Category: Mathematics**

Description: Hated Algebra? Many students who don't like Algebra end up loving Geometry, since it's much more visual. Geometry is all about shapes! Edmentum course topics include: transformations, congruence, proofs, constructions, similarity, trigonometry & geometric modeling, 3D shapes, algebra & geometry connections, circles, and probability. Apex course topics include: triangles, trigonometry, quadrilaterals & polygons, circles, conic sections, constructions, transformations, 3D solids, and probability.

Edmentum**Credits: 10 A-G: C**

Geometry A/B**Transcript Category: Mathematics**

Description: Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

Apex**Credits: 10 A-G: C****Integrated Mathematics 1 A/B****Transcript Category: Mathematics**

Description: Develop a deep understanding of math with different types of math interwoven into one course. Semester A focuses on the study of single-variable expressions to systems of equations, while Semester B covers functions, advanced functions, and concludes with a practical look at the uses of geometry and trigonometry.

Edmentum**Credits: 10 A-G: C****Integrated Mathematics 2 A/B****Transcript Category: Mathematics**

Description: Dive deeper into Integrated Mathematics with this second-level course. Topics covered include: exponents, polynomials & factoring, quadratic equations, complex numbers, graphing functions, properties of functions, congruence, similarity, proof, trigonometry, coordinate geometry, 3D shapes, circles, and probability.

Edmentum**Credits: 10 A-G: C****Integrated Mathematics 3 A/B****Transcript Category: Mathematics**

Description: Finish off Integrated Mathematics by taking this final course. Semester A takes you through polynomial & rational expressions, equations & functions, and trigonometric functions. Semester B begins with the derivation of the trigonometric formula for the area of a triangle, proceeds through the use of functions, and on to developing the critical thinking skills necessary to make logical and meaningful inferences from data.

Edmentum**Credits: 10 A-G: C****Mathematics Common Core 1 A/B****Transcript Category: Mathematics**

Description: Apex's Mathematics Common Core courses combine Algebra & Geometry together in one streamlined course series. You'll learn through discovery and application, developing the skills you need to break down complex challenges and demonstrate your knowledge in new situations. Course topics include: relationships between quantities, linear & exponential relationships, reasoning with equations, descriptive statistics, congruence, proof, constructions, and connecting algebra & geometry through coordinates.

Apex**Credits: 10 A-G: C****Mathematics Common Core 2 A/B****Transcript Category: Mathematics**

Description: This course will extend your geometric knowledge and introduces you to quadratic expressions, equations, and functions, exploring the relationship between these and their linear & exponential counterparts. Course topics include: extending the number system, quadratic functions & modeling, expressions & equations, applications of probability, similarity, right-triangle trigonometry, proof, & circles with and without coordinates.

Apex**Credits: 10 A-G: C**

Mathematics Common Core 3 A/B**Transcript Category:** Mathematics

Description: This course incorporates advanced functions, trigonometry, and probability & statistics as you learn to synthesize your prior knowledge to solve increasingly challenging problems. Course topics include: formulating inferences & conclusions from data, polynomial, rational, & radical relationships, trigonometry of general triangles & trigonometric functions, and mathematical modeling.

Apex**Credits: 10 A-G: C****Financial Algebra A/B****Transcript Category:** Mathematics

Description: This online Financial Algebra course focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra 1 and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems).

Apex**Credits: 10 A-G: C****AP Calculus A/B****Transcript Category:** Algebra

Description: In our AP® Calculus AB online course, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP® Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics. This course has been authorized by the College Board® to use the AP® designation.

Apex**Credits: 10 A-G: C****Honors Pre-calculus A/B****Transcript Category:** Mathematics

Description: Precalculus is a comprehensive course that weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

Apex**Credits: 10 A-G: C****Pre-Calculus A/B****Transcript Category:** Mathematics

Description: Do you still enjoy math after finishing Algebra 1/2 and Geometry? PreCalculus is the next step up the math totem pole! Edmentum course topics include: functions, trigonometric functions, vectors, complex numbers, conic sections, matrices, sequence, induction, probability, and limits. Apex course topics include: functions, trigonometric functions, vectors, complex numbers, conic sections, matrices, sequences, probability, and limits.

Edmentum**Credits: 10 A-G: C**

Pre-Calculus A/B**Transcript Category:** Mathematics

Description: Our online Precalculus course is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

Apex**Credits:** 10 **A-G:** C**Probability & Statistics****Transcript Category:** Mathematics

Description: How likely is something to happen? That's what probability and statistics are all about. Edmentum course topics include: representing, interpreting, & relating data, independent & conditional probability, applying probability, making inferences & conclusions, and using probability to make decisions. Apex course topics include: representing & interpreting data, independent & conditional probability, applying probability, making inferences & conclusions, and using probability to make decisions.

Edmentum**Credits:** 5 **A-G:** C**Probability & Statistics****Transcript Category:** Mathematics

Description: Course topics include types of data; common methods used to collect data; and the various representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of prediction, specifically involving samples and populations, distributions, summary statistics, regression analysis, transformations, simulations, and inference.

Apex**Credits:** 5 **A-G:** C

AP Biology A/B**Transcript Category: Science**

Description: AP Biology builds students' understanding of biology on both the micro and macro scales. After studying cell biology, students move on to understand how evolution drives the diversity and unity of life. Students will examine how living systems store, retrieve, transmit, and respond to information and how organisms utilize free energy. The equivalent of an introductory college-level biology course, AP Biology prepares students for the AP exam and for further study in science, health sciences, or engineering.

Apex**Credits: 10 A-G: D****Biology A/B****Transcript Category: Science**

Description: Biology is the study of life. Learn about genetics and evolution, cell structure, and the diversity of life on Earth. Edmentum course topics include: the nature of life, the chemistry of the cell, cell structures & functions, genetics, evolution, diversity of life, plant & animal structure, and ecology. Apex course topics include: the chemistry of biology, cells, energy transfer, earth's resources, DNA, ecosystems, evolution, and human biology.

Edmentum**Credits: 10 A-G: D****Biology A/B****Transcript Category: Science**

Description: The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology.

Apex**Credits: 10 A-G: D****Chemistry A/B****Transcript Category: Science**

Description: In this course, learn about the itty-bitty pieces of matter than make up everything in the universe! Edmentum course topics include: matter & atomic structure, the Periodic Table, bonding, mole concept, kinetic molecular theory, gas laws, solutions, reaction rates, acids & bases, energy, and nuclear chemistry & biochemistry. Apex course topics include: atomic structure, bonding, chemical reactions, energy in matter, equilibrium, kinetics, transferring energy, and quantum & nuclear chemistry.

Edmentum**Credits: 10 A-G: D****Chemistry A/B****Transcript Category: Science**

Description: The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy.

Apex**Credits: 10 A-G: D**

Earth & Space Science A/B**Transcript Category: Science**

Description: In this course, learn about the itty-bitty pieces of matter that make up everything in the universe! Edmentum course topics include: matter & atomic structure, the Periodic Table, bonding, mole concept, kinetic molecular theory, gas laws, solutions, reaction rates, acids & bases, energy, and nuclear chemistry & biochemistry. Apex course topics include: atomic structure, bonding, chemical reactions, energy in matter, equilibrium, kinetics, transferring energy, and quantum & nuclear chemistry.

Edmentum**Credits: 10 A-G: No****Earth Science A/B****Transcript Category: Science**

Description: Earth Science explores the Earth's composition, structure, processes, and history, as well as its atmosphere, freshwater, and oceans. Topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geological history, Earth's environment, sustainability, and energy resources.

Apex**Credits: 10 A-G: D****Physical Science A/B****Transcript Category: Science**

Description: This course focuses on the understanding of physical science concepts, including the nature and structure of matter, the characteristics of energy, and the mastery of scientific skills. Topics include: an introduction to kinematics, gravity & two-dimensional motion, force, momentum, waves, electricity, atoms, the Periodic Table of Elements, molecular bonding, chemical reactivity, gases, and an introduction to nuclear energy.

Apex**Credits: 10 A-G: No****Physics A/B****Transcript Category: Science**

Description: Why is the sky blue? Why do black holes exist? Why does everything fall at the same speed? Physics is all about the why; it's the study of motion, energy, and force. You'll learn about: the nature of science, math for physics, energy, kinematics, force & motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

Edmentum**Credits: 10 A-G: D****Physics A/B****Transcript Category: Science**

Description: The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

Apex**Credits: 10 A-G: D**

American Sign Language 1 A/B**Transcript Category: Foreign Language**

Description: Did you know that American Sign Language (ASL) is the third most commonly used language in North America? American Sign Language 1a: Introduction will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness. The predominant sign language of Deaf communities in the United States, American Sign Language is a complex and robust language. American Sign Language 1b: Learn to Sign will introduce you to more of this language and its grammatical structures. You will expand your vocabulary by exploring interesting topics like Deaf education and Deaf arts and culture.

Edmentum**Credits: 10 A-G: E****American Sign Language 2 A/B****Transcript Category: Foreign Language**

Description: Building upon the prior prerequisite course, emphasis in this course is placed upon comprehension and signing. Learners will also continue to establish their communication skills and foster their understanding of deaf culture. In addition to learning classifiers, glossing, and mouth morphemes, students will explore vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies. Building upon the prior prerequisite course, students will increase their proficiency by learning about sequencing, transitions, role-shifts, and future tenses. Students will learn how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristic of this course.

Edmentum**Credits: 10 A-G: E****American Sign Language 3 A/B****Transcript Category: Foreign Language**

Description: As you dive into more advanced ASL signing, including unique grammar features and advanced classifiers and locatives, you'll learn, compose, and present your new-found vocabulary and narratives by immersing yourself in Deaf culture and community. From opinions, slang, and idioms, to using technology and media that offers authentic Deaf perspectives. Explore how travel, cultural differences, and geography affect sign language. And gain a better understanding of Deaf culture by learning important events and examining topics such as education, science, and literature. Are you ready to discover ways in which Deaf culture influences the world in general? After all, the concept of culture goes far beyond an understanding of Deaf history. Through discussing Deaf culture and experiences, you'll advance your signing skills by developing verb tenses, grammar, and syntax. Apply your language skills in real conversation activities and through opportunities to debate real issues. It's also time to explore the next steps in education and career opportunities for your new intermediate ASL skills.

Edmentum**Credits: 10 A-G: E**

French 1 A/B**Transcript Category: Foreign Language**

Description: Want to learn the language of love? This course will introduce you to French, which is considered one of the most romantic languages in the world! The A portion of this course covers: introductions, who you are, friends & family, the home, vehicles, and socializing. The B section of the course goes over: the community, clothing, seasons, weather, the arts, health, and travel.

Edmentum**Credits: 10 A-G: E****French 2 A/B****Transcript Category: Foreign Language**

Description: Did you enjoy French 1 and want to learn more? French 2 is second year French. You can take this course once you complete French 1 A & B. This course covers: back to school, lifestyles, relationships, managing life, types of food, services, traveling, leisure time, healthy living, and vacationing.

Edmentum**Credits: 10 A-G: E****German 1 A/B****Transcript Category: Foreign Language**

Description: In German 1, you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being, and travel and tourism.

Edmentum**Credits: 10 A-G: E****German 2 A/B****Transcript Category: Foreign Language**

Description: In German 2, you'll be reintroduced to German in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss traveling to various regions and the flora and fauna found in each region and describe types of trips, including road trips, camping, and ecotourism. You'll also describe hobbies, activities, and crafts that people enjoy.

Edmentum**Credits: 10 A-G: E****Spanish 1 A/B****Transcript Category: Foreign Language**

Description: Ready to learn the basics of Spanish? This beginner course will get you started. Edmentum course topics include: introductions, who you are, friends & family, at home, the social world, around the community, clothing, seasons, weather, arts, health, and travel. Apex course topics include: introductions, calendar, how you feel & where you are, colors, clothing, culture, culinary arts, working out, playing, partying, daily life, the body, and travel.

Edmentum**Credits: 10 A-G: E****Spanish 1 A/B****Transcript Category: Foreign Language**

Description: Our online Spanish I course teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe.

Apex**Credits: 10 A-G: E**

Spanish 2 A/B**Transcript Category: Foreign Language**

Description: Spanish 2 takes you through the second level of Spanish, building on what you've learned in Spanish 1 A/B. Edmentum course topics include: back to school, lifestyles, relationships, managing life, cuisine, around town, traveling, leisure time, healthy living, and on the road. Apex course topics include: media & entertainment, getting out & staying in, who, what, when, where, why, cultures, eat & drink, travel, and festivals.

Edmentum**Credits: 10 A-G: E****Spanish 2 A/B****Transcript Category: Foreign Language**

Description: Building on Spanish I concepts, our online Spanish II course students learn to communicate more confidently about themselves, as well as about topics beyond their own lives – both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues.

Apex**Credits: 10 A-G: E****Spanish 3 A/B****Transcript Category: Foreign Language**

Description: In Spanish 3, you'll build upon the skills and knowledge you've already acquired in Spanish 1 & 2. Edmentum course topics include: past & future tenses, arts & literature, social & environmental problems, journalism, cultures, home, community, and the world. Apex course topics include: review, art & the media, environment, urbanization, emergencies, performing arts, self-awareness, jobs, volunteering, and dreams.

Edmentum**Credits: 10 A-G: E****Spanish 3 A/B****Transcript Category: Foreign Language**

Description: In our online Spanish III course, students build upon the skills and knowledge they acquired in Spanish I and II. The course presents new vocabulary and grammatical concepts in context while providing students with ample opportunities to review and expand upon the material they have learned previously.

Apex**Credits: 10 A-G: E****AP Spanish Language and Culture****Transcript Category: Foreign Language**

Description: AP Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for varied purposes. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature. This course has been authorized by the College Board® to use the AP designation.

Apex**Credits: 10 A-G: E**

Health**Transcript Category: Health****CHYA: Yes**

Description: Health is a single-semester course designed to serve as a guide to help you understand your role in maintaining proper health throughout your life. This course covers topics such as nutritional facts and guidelines, effects of lifestyle on health, and benefits of physical activity. You will explore various life-saving and emergency procedures and strategies for preventing disease and injury. Further, you will broaden your understanding of the human reproductive system and the influence of various factors on human sexuality. Additionally, you will study the impact of substance abuse and understand the importance of maintaining mental and emotional health.

Edmentum**Credits: 5 A-G: No****Health****Transcript Category: Health****CHYA: No**

Description: Health is a single-semester course designed to serve as a guide to help you understand your role in maintaining proper health throughout your life. This course covers topics such as nutritional facts and guidelines, effects of lifestyle on health, and benefits of physical activity. You will explore various life-saving and emergency procedures and strategies for preventing disease and injury. Additionally, you will study the impact of substance abuse and understand the importance of maintaining mental and emotional health.

Edmentum**Credits: 5 A-G: No****Physical Education****Transcript Category: Physical Education**

Description: This course promotes the value of physical fitness and will encourage you to participate in physical activities throughout your life. Specific areas of study include: cardiovascular exercise & care, safe exercising, building muscle strength & endurance, injury prevention, fitness skills and FITT benchmarks, goal setting, nutrition & diet (vitamins & minerals, food labels, & evaluation product claims), and stress management. Successful completion of this course will require parent/guardian sign-off on student-selected physical activities.

Apex**Credits: 5 A-G: No**

Business Applications**Transcript Category:** Electives**Apex****Credits: 5 A-G: No**

Description: This course will prepare you to succeed in the workplace. As you work to develop an understanding of professional communications and leadership skills, you'll also practice using word processing, email, and presentation management software to create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. This course is similar to the Electronic Communication Skills course, but this course covers presentations, while that course covers typing skills.

Computer Literacy**Transcript Category:** Electives**Apex****Credits: 5 A-G: G**

Description: Want to learn more about computers? This course will teach you about IT careers, computer hardware & software, troubleshooting computer problems, spreadsheets & databases, networking, using the Internet, and even a little web page design. This course is similar to Computing for College & Careers, but that course covers document creation and presentation software.

Geography & World Cultures**Transcript Category:** Elective**Apex****Credits: 5 A-G: G**

Description: Explore how geographic features, human relationships, political & social structures, economics, science & technology, and the arts have developed and influenced life in countries around the world. Along the way, students learn how to read maps, charts, and graphs, as well as how to create them. This course is very similar to Edmentum's World Geography A/B course.

Introduction to Business & Marketing**Transcript Category:** Electives**Apex****Credits: 5 A-G: No**

Description: Learn the foundational knowledge and skills needed for careers in business and marketing. You'll begin by exploring the roles and functions that business and marketing play in a global society. Then, you'll develop an understanding of the market place as well as product placement & promotion. This course is similar to the Edmentum course.

Liberal Arts Mathematics A/B**Transcript Category:** Electives**Apex****Credits: 10 A-G: No**

Description: Have you always felt like more of an English person than a Math person? Liberal Arts Math starts with a review of problem solving skills before moving on to a variety of key algebraic, geometric, and statistical concepts. Throughout the course, students hone their computational skills and extend their knowledge through problem solving and real-world applications. Course topics include: problem solving, real numbers and operations, functions and graphing, systems of linear equations, polynomials & factoring, geometric concepts, and descriptive statistics.

Mathematics of Personal Finance A/B**Transcript Category:** Electives**Apex****Credits: 10 A-G: G**

Description: This course focuses on real-world financial literacy, personal finance, and business subjects. Apply what you've learned in Algebra I & Geometry to topics including personal income, taxes, checking & savings accounts, credit, loans & payments, car leasing & purchasing, home mortgages, stocks, insurance, and retirement planning. This course is similar to Edmentum's Personal Finance course.

Multicultural Studies**Transcript Category:** Elective**Apex****Credits: 5 A-G: G**

Description: The United States is a country of many cultures, which can sometimes lead to issues. Why are people so divided over race, and how can we come together? In this course, study how race, culture, ethnicity, and identity contribute to your life experiences. Other major topics include: identity, immigration, assimilation and distinctiveness, power & oppression, struggles for rights, regionalism, culture & the media, and the formation of new cultures.

Psychology**Transcript Category:** Elective**Apex****Credits: 5 A-G: G**

Description: Have you always been fascinated with people? Do you wonder why people behave the way they do? Psychology is the study of the mind and behavior. It also happens to be the most popular college major! In this course, you'll learn about: psychology as a science, the brain & the body, thinking, feelings, consciousness, development throughout life, social psychology, mental illness, and disorders & wellness. You'll also get an overview of Psychology's major domains: methods, biopsychology, cognitive & developmental psychology, and variations in individual & group behavior.

Reading Skills & Strategies A/B**Transcript Category:** Elective**Apex****Credits: 10 A-G: No**

Description: Do you find reading difficult? This course will help you improve your reading comprehension, vocabulary, study skills, and media literacy. Topics include: the purposes of reading, strategies for understanding & remembering new vocabulary, effective study & test-taking strategies, recognize & evaluate persuasive techniques, and the effects of media.

Sociology**Transcript Category:** Elective**Apex****Credits: 5 A-G: G**

Description: Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies. Sociology is like Psychology, but it's focused on groups, rather than the individual. Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.

The Lord of the Rings: An Exploration and Critique**Transcript Category: Elective**

Description: The Lord of the Rings is one of the most popular stories in the modern world. In this course, students will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. Students will explore fantasy literature as a genre and critique the three Lord of the Rings films. Students will also look at major influences on the novels and the subsequent influence of the novels and films on modern culture and literature.

Edmentum**Credits: 5 A-G: G****World Religions: Exploring Diversity A/B****Transcript Category: Elective**

Description: Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. 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.

Edmentum**Credits: 10 A-G: G****Writing Skills & Strategies A/B****Transcript Category: Elective**

Description: Does writing an essay stress you out? Take some time to study the art of writing to improve your skills and make you a more comfortable and confident writer. The course takes you through the writing process, sentence and paragraph essentials, as well as practice composing. Throughout the course, there are opportunities to practice writing, build grammar skills, learn about diction & style, and explore media.

Apex**Credits: 10 A-G: No**

Art Appreciation**Transcript Category:** VAPA/Elective

Description: Art Appreciation goes over the history of Western visual arts, with a primary focus on painting. Explore art from a variety of periods and regions, including prehistoric, early Greek & Roman, the Middle Ages, the Renaissance, the US during the 20th century, as well as some art from Asia & the Americas. Meanwhile, you'll learn to critique and compare works of art.

Apex**Credits: 5 A-G: F****Art History and Appreciation****Transcript Category:** VAPA/Elective

Description: Art has played a significant role in every major civilization throughout the history of man. The emergence of different art forms often reflects the values that a civilization deems important: religion, labor, love, political change, or even commerce. Since artwork and cultural values are so closely related, studying art is a compelling way to learn about the people who produced it.

Edmentum**Credits: 5 A-G: F****Media Literacy****Transcript Category:** Elective

Description: Learn how to build the critical thinking, reading, and writing skills needed in today's media-rich world. Study how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Do you know what the underlying messages are, who's being targeted, and whether what you see is real or fake?

Apex**Credits: 5 A-G: No****Music Appreciation****Transcript Category:** VAPA

Description: This one-semester elective course is intended as a practical, hands-on guide to introduce students to the field of music appreciation. Students will first identify elements and patterns in music and learn to identify various elements of musical notation. Next, students will explore the history and evolution of music from the Middle Ages through to the modern era. Then, students will learn about the influence of music on society and culture. Finally, in the last few lessons students will learn of the various compositional and expressive devices and how to evaluate a concert.

Edmentum**Credits: 5 A-G: F****Theater, Cinema, and Film Production****Transcript Category:** VAPA

Description: This one-semester elective course is intended as a practical, hands-on guide to introduce students to the field of music appreciation. Students will first identify elements and patterns in music and learn to identify various elements of musical notation. Next, students will explore the history and evolution of music from the Middle Ages through to the modern era. Then, students will learn about the influence of music on society and culture. Finally, in the last few lessons students will learn of the various compositional and expressive devices and how to evaluate a concert.

Edmentum**Credits: 5 A-G: F**

ACT Mathematics**Transcript Category:** Elective

Description: This online ACT Mathematics course was developed by aligning Plato Courseware with the topics that are assessed on the ACT Math Test. The course focuses on the study of algebraic problem-solving skills and concepts related to geometry, probability, and statistics. It also includes preparation for essential skills such as rates, percentages, and proportions.

Edmentum**Credits:** 5 **A-G:** No**CAST Science Enrichment A/B****Transcript Category:** Elective

Description: The main purpose of the CAST Science Enrichment A/B course is to provide a brief overview of physical science, life science, and Earth/space science concepts. This course will be a hybrid of online instruction through Edmentum and packet-based student coursework. The overarching ideas in Earth/space science include: the history of Earth, Earth's internal processes, plate tectonics, energy flow into and out of Earth's systems, climate, and human impacts on natural resources. The overarching ideas in physical science include: the motion of objects, momentum, effects of magnetic fields, wave behavior and characteristics, the periodic table, types of bonds, thermodynamics, and chemical reactions. The overarching ideas in life science include: photosynthesis, cellular respiration, mitosis, meiosis, genetics, evolution, and the interactions and energy exchanges between ecosystems.

Edmentum**Credits:** 10 **A-G:** No**College & Career Preparation 1 & 2****Transcript Category:** Elective

Description: Want to go to college, but don't know how to do it? This course covers how you get ready for college in high school and more, including information about the types of colleges out there, college requirements (including testing), and financial aid (how you pay for college). It also covers a wide variety of careers you may find yourself interested in!

Apex**Credits:** 10 **A-G:** No**GED Preparations Math****Transcript Category:** Elective

Description: Struggle with math? Take this course to help you prepare for the math section of the GED.

Edmentum**Credits:** 5 **A-G:** No**GED Preparations RLA (Reading Language Arts)****Transcript Category:** Elective

Description: This course is focused on the RLA section of the GED. By taking this course, you can improve your chances of passing the RLA section.

Edmentum**Credits:** 5 **A-G:** No**GED Preparations Science****Transcript Category:** Elective

Description: Is science your weakness area? Take this course to help you prepare for the science section of the GED test.

Edmentum**Credits:** 5 **A-G:** No**GED Preparations Social Science****Transcript Category:** Elective

Description: Not very strong in history and the social sciences? This course will help you prepare for the social science section of the GED.

Edmentum**Credits:** 5 **A-G:** No

HiSet Preparation – ELA Reading A/B

Edmentum

Transcript Category: Elective**Credits: 10 A-G: G**

Description: The HiSET Preparation courses were developed by aligning Plato courseware with the strands and topics assessed in the 2016 HiSET test. Each unit aligns to one or more strands in the 2016 HiSET test, and the modules within each unit target the essential concepts of the Common Core State Standards as assessed in the HiSET Language Arts–Reading subtest. This course focuses on reading strategies and vocabulary skills for literary texts. The lessons and activities in this course will help you improve your knowledge of these strategies.

HiSet Preparation – ELA Writing A/B

Edmentum

Transcript Category: Elective**Credits: 10 A-G: G**

Description: The HiSET Preparation courses were developed by aligning Plato courseware with the strands and topics assessed on the 2016 HiSET test. Each unit aligns to one or more strands in the 2016 HiSET test, and the modules within each unit target the essential concepts of the Common Core State Standards as assessed on the HiSET Language Arts–Writing subtest. This course focuses on effective writing strategies. The lessons and activities in this course will help you improve your knowledge of these strategies.

HiSet Preparation – Math A/B

Edmentum

Transcript Category: Elective**Credits: 10 A-G: G**

Description: The HiSET Preparation courses were developed by aligning Plato courseware with the strands and topics assessed on the 2016 HiSET test. Each unit aligns to one or more objectives in the 2016 HiSET test, and the modules within each unit target the essential concepts of the Common Core State Standards as assessed on the HiSET Mathematics subtest. HiSET Preparation—Mathematics focuses on algebraic problemsolving skills. The lessons and activities in this course will help you improve your knowledge and skills in this area.

HiSet Preparation – Science A/B

Edmentum

Transcript Category: Elective**Credits: 10 A-G: G**

Description: The HiSET Preparation Courses were developed by aligning Plato Courseware with the strands and topics that are assessed on the HiSET Test. Each unit aligns to one or more strands within the HiSET Test and the modules within each unit target the essential concepts of the Next Generation Science Standards as assessed on the HiSET Test for Science. This course focuses on the subject areas of Life Science and Earth and Space Science. In this course, you will find a variety of lessons and activities to improve your knowledge of these concepts.

HiSET Preparation - Social Studies A/B

Edmentum

Transcript Category: Elective**Credits: 10 A-G: G**

Description: The HiSET Preparation Courses were developed by aligning Plato Courseware with the strands and topics that are assessed on the HiSET Test. Each unit aligns to one or more strands within the HiSET Test and the modules within each unit target the essential concepts on the HiSET Test for Social Studies. This course focuses on important events in US history and world history. In this course, you will find a variety of lessons and activities to improve your knowledge and skills in these areas.

SAT Mathematics**Transcript Category: Elective**

Description: This online SAT Mathematics course was developed by aligning Plato Courseware with the topics that are assessed on the SAT Math Test. The course focuses on the study of algebraic problem-solving skills and concepts related to geometry, probability, and statistics. In this course, you will find a variety of lessons and activities to improve your knowledge and skills in these areas.

Edmentum**Credits: 5 A-G: No****SBAC Enrichment English****Transcript Category: Elective**

Description: The Preparation for the English portion of the SBAC® was developed by aligning Plato Courseware with the strands and topics that are assessed on the SBAC® Test. Each credit aligns to several standards assessed within the SBAC® Test and the modules within each credit review the many individual concepts and skills assessed on the test. This course covers the review of text structures & techniques in fiction & non-fiction, examining purpose and reasoning, applying conventions of grammar, and identifying the writing process & writing essays. In this course, you will find a variety of lessons and activities to improve students' knowledge and skills in these areas.

Edmentum**Credits: 5 A-G: No****SBAC Enrichment Math v2.0****Transcript Category: Elective**

Description: The Preparation for the Math portion of the SBAC® was developed by aligning Plato Courseware with the strands and topics that are assessed on the SBAC® Test. Each credit aligns to several standards assessed within the SBAC® Test and the modules within each credit review the many individual concepts and skills assessed on the test. This course covers the review of polynomials, equations, inequalities, linear equations, quadratics, functions, geometric modeling, probability and statistics. In this course, you will find a variety of lessons and activities to improve students' knowledge and skills in these areas.

Edmentum**Credits: 5 A-G: No**

Computing for College and Careers 1A: Introduction A/B**Transcript Category: Elective**

Description: Technology has made an impact on nearly all facets of our lives, and it will continue to make an impact on yours as you make your way into college and career! In this course, you are going to pull back the veil on what goes into some of the technology we use every day. You will investigate computer hardware and software and learn what goes into building a computer while exploring programs and applications, you'll study the history of the internet and how to use its capabilities even more effectively, and you'll also dive deep into email and some of today's most powerful processing tools. Get ready to really know the technology you have at your fingertips so you can continue to make it work for you!

Edmentum**Credits: 10 A-G: No**

English 12 A/B (2023)**Transcript Category: English 12****Credits: 10 A-G: B**

Description: Description: Students will be studying a variety of themes and genres throughout English 12. Each LEP explores readings that revolve around a similar theme or idea. These ideas will help the students make connections between English Language Arts and the world they encounter on a daily basis. With all of these lessons they will improve their abilities to critically read, effectively write, and reflect as scholars.

English 12 A/B: 21st Century Literacy**Transcript Category: English 12****Credits: 10 A-G: B**

Description: In English 12, 21st Century Literacy, students will study a variety of skills to build capacity for postsecondary life in the 21st Century. The curriculum is aligned to the 21st Century Learning framework and is ideal for students on CTE pathways or joining the work force after graduation. As times are changing, many careers now require fewer physical skills, and employers are now focusing more on communication and social skills. This course blends literacy and work readiness skills so that each reading and performance task will help broaden their interpersonal skills and deepen their critical thinking, communication, and comprehension.

English Intensive 11 A/B**Transcript Category: English 11****Credits: 10 A-G: No**

Description: English Intensive 11 is designed to fill in academic gaps and prepare students to transition into grade-level English Language Arts courses. This course focuses on learning and implementing reading comprehension strategies, academic vocabulary acquisition, grammar practice, and developing formal writing structures. Students will interact with a variety of text types in each Learning Event Packet. Each LEP addresses a different comprehension skill connected to the texts. Students will also practice skills through Read 180 software and an independent reading component.

Advanced Integrated Mathematics and Multimedia Production**Transcript Category: Mathematics/CTE****Credits: 5 A-G: No**

Description: This project-based course integrates Statistics with the Multimedia Production (Arts, Media & Entertainment) CTE Pathway and empowers students to think and act as Activists, Content Developers, Researchers and Statisticians. Throughout the course, students will create a website representing a unique cause campaign addressing a student-identified community problem and proposed solutions. The website will host their integrated products created throughout the course: a digital slideshow, infographic and research annotations.

****Please note Integrated CTE Courses do NOT require a CTE Credentialed Teacher.***

Algebra 1A and Algebra 1B (2-YR) Semesters 1/2/3/4**Transcript Category: Algebra****Credits: 20 A-G: C**

Description: The main purpose of Algebra 1A and Algebra 1B is to develop students' fluency with linear, quadratic, and exponential functions in a two-year sequence of courses. The critical areas of instruction involve deepening and extending students' understanding of linear, quadratic, and exponential relationships by contrasting them with each other and by applying regression models to data that exhibit predictability. Students also engage in a multitude of strategies for analyzing and solving linear, exponential, and quadratic functions.

Introduction to Statistics A/B**Transcript Category: Mathematics****Credits: 10 A-G: C**

Description: Introduction to Statistics is a math course focused on introducing students to hypothesis testing and how to begin to apply various statistical tests and critical analysis in relevant, real-world contexts. Students in this course are expected to make and test their own predictions on a variety of questions related to their lives, including but not limited to music, social media, video games, cars, food, education, energy, sustainability, marketing, and business. Students will use technology to conduct a majority of statistical calculations and tests, including the mean, standard deviation, one proportion Z-test, two proportion Z-test, two sample mean T-test, correlation coefficient, and chi-square analysis.

Integrated Life Science and Environmental Resources A/B**Transcript Category:** Life Science/CTE**Credits:** 10 **A-G:** D

Description: This project-based course integrates Life Science with the Environmental Resources (Energy, Environment and Utilities) CTE Pathway. Students will delve into the realm of Environmental Science where they will be given the opportunity to create awareness about various environmental problems in our society. They will be imparting basic knowledge about the environment and its allied problems, developing a proactive stance, and eventually producing legislation to preserve the environment. The overall course project will be one in which students will collect data and assess one specific locations ecosystem, biodiversity, natural resources, and how human activities have changed the dynamics of this environment. Students will then develop, write, and publish policy/legislation to create positive change for their chosen location.

****Please note Integrated CTE Courses do NOT require a CTE Credentialed Teacher.***

Integrated Science 1 A/B (2022)**Transcript Category:** Physical Science**Credits:** 10 **A-G:** D

Description: The main purpose of Integrated Science 1 is to develop an understanding of the physical sciences at a conceptual level. The overarching ideas of the course include: Earth as a system, plate tectonics, Earth's changing surface, dating the geosphere, stars and the universe, forces and motion, mechanical and thermal energy, electrical energy, force fields and orbits, and the properties of waves. Students will track the flow of energy through a simplified model of natural systems at various scales to determine the dynamic properties occurring in the system. Students will then use the knowledge gained in the course to analyze data, make a claim, and defend their claim based on scientific evidence.

Introduction to Latinx Studies

Transcript Category: Elective

Credits: 5 **A-G:** GO

Description: As part of the Ethnic Studies national framework, this Intro to Latinx Studies course explores how culture and history play a part in the formation of our individual and collective identities. We hope to develop our students' critical lens, which will then inform their understanding of issues of race, ethnicity, class, and gender, as it pertains to the Latinx history and its community. Students are academically challenged as they grapple with the aforementioned course themes. Through a series of activities and projects, students will use critical thinking as they read and re-examine this country's history from a new perspective. Students are often asked to respond in writing to thought-provoking prompts centered around identity, human rights, and social justice. These writing prompts not only increase students' content knowledge, but also prepares them for a writing-based Performance Task.

Public Speaking

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: This project-based course includes instruction and practice in the various forms of public address and the techniques for orally presenting ideas clearly, concisely, and coherently. Emphasis is on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Students will have the opportunity to practice these skills as they prepare persuasive speeches on a United Nations Sustainable Development Goal of their choice throughout the course.

Skills4Life

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: This project-based interdisciplinary elective equips students with well-rounded skills and knowledge necessary for success in high school, career and beyond. Each of the five units represents steps in a scientific learning process as students navigate interconnected content areas including Social Emotional Learning, Life Economics, Literacy Skills and Civic Education. The curriculum follows a gradual release of responsibility model in which students progress from knowledge acquisition to guided practice and ultimately to independent application. This foundational course is recommended for all students entering Learn4Life and FLEX schools.

TREC Essentials

Transcript Category: Elective

Credits: 5 **A-G:** No

Description: This is a 5 credit elective course focusing on a cross-curricular approach of developing hope, resilience, self-care, and balance in order to empower our students to sustainably build holistic, joyful and purposeful lives. Emphasis is placed on self-reflection of the student to develop their skills in navigating the difficulties of life through the lenses of positive psychology & empowerment. Course must be taught by a Heart-math trained instructor. Course can operate as IS or SGI.