

Arete Prep 2021 Summer School Courses

--- The Following Courses prepare students for future instruction and are NOT intended as Credit Recovery ---

Recovery of credit (if any) will be considered on a case-by-case basis in conversation with administration. Students who attended Arete Prep in the previous year and take these courses may need to demonstrate mastery in the course in order to advance to the next grade level.

Summer dates: Thursday, June 3 - Wednesday, June 30

Class times are either 8 - 11 am OR 1 - 4 pm

Payment for classes serves as your students registration.

Middle School Courses

| Course Title | Eligibility | Descriptions | Cost |
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| Middle School Math I 8 - 11 am Mon - Thurs | Incoming 6th & 7th graders new to the school; struggling current 6th and 7th graders | Skills of basic calculation needed for success in 6th grade math at Arete Prep | \$350.00 |
| Exeter Math Review or Preparation 1 - 4 pm Mon - Thurs | 8th, 9th & 10th graders new to the school; struggling current 8th graders | Methods of algebraic thinking and problem solving techniques necessary for success in the Exeter Curriculum at Arete Prep | \$350.00 |
| Middle School Lit/Comp Review or Preparation 1 - 4 pm Mon - Thurs | 6th graders new to the school, struggling current 6th or 7th graders | Basic skills of reading, writing, speaking, and grammar analysis needed for success in Literature and Composition for 6th or 7th grade at Arete Prep | \$350.00 |
| Latin I 1 - 4 pm Mon - Thurs | 6th or 7th grade students new to the school | Basic skills of needed for Latin instruction at Arete Prep | \$350.00 |
| Latin II - Review or Preparation 8 - 11 am Mon - Thurs | 8th graders new to the school, struggling current 7th graders | Advanced skills of needed for Latin instruction, including skills needed for translation. | \$350.00 |

High School Credit Recovery Courses

The following courses are intended for High School students that have failed a class and need to recover credit in order to graduate. Minimal (if any) teacher support will be provided for these courses

| | BYU Course Title/Credit | Descriptions (directly from BYU course catalog) | Cost: |
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| Office Hours 8 - 11 and 1 - 4 pm; Mon - Thurs | None | Teachers will provide space to work and help as needed for students taking one or more BYU Courses | \$50.00 |
| Humane Letters Review or Prep - No history component. 8 - 11 am and 1 - 4 pm; Mon - Thurs | 9th-11th graders new to the school, struggling current 8-10th graders | Skills of reading, writing, discussion, and analysis needed for success in the Humane Letters class. Please note - this class does not recover history credits or include an element of history instruction. | \$350.00 |
| HS Algebra I | Algebra I, Part I (ALG 051) (.5 credit) | Intended as credit recovery of Algebra I, semester 1. This course is a study of the properties of sets of real numbers, linear equations, linear functions, and inequalities. Its lessons teach students how to solve problems using Algebra, Geometry, radical expressions, and equations, as well as graphing, algebraic equations, and systems of equations and inequalities. This is the first course in a two-part Algebra I series (ALG 051 and ALG 053) | \$200.00 |

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| | Algebra I, Part II (ALG 053) (.5 credit) | Intended as credit recovery of Algebra I, semester 2. This course is a study of linear relations and functions, systems of equations and inequalities, exponents and powers, rational functions, quadratic functions, polynomial functions other than quadratics, and sequences and series. This is the second course in a two-part Algebra I series (ALG 051 and ALG 053). | \$200.00 |
| HS Geometry | GEOM-041-CR: Geometry, Part 1 (.5 credit) | This course covers a review of quadratic equations, quadratic functions, and other algebra skills and an introduction to Geometry including triangle similarity, the geometric proof, vectors, and parametric equations. | \$200.00 |
| | GEOM-043-CR: Geometry, Part 2 (.5 credit) | This course expands on the Geometry skills of Part 1 and covers topics including properties of quadrilaterals, parallel lines, and various polygons. | \$200.00 |
| HS Algebra II | Algebra II, Part I (ALG 055) (.5 credit) | This course finishes up the geometry concepts in the 2nd half of Exeter Book 2 while also discussing equations for circles, recognizing and using ratios, an introduction to sine, cosine, and tangent ratios, and using Algebra to solve for missing parts in a diagram. | \$200.00 |
| | Algebra II, Part II (ALG 057) (.5 credit) | This course continues to strengthen Algebra II skills while also discussing trigonometry in right triangles, rotation, the Law of Cosines, and the Law of Sines. | \$200.00 |
| HS Trigonometry | Trigonometry (TRIG 041) (.5 credit) | Intended as credit recovery for Trigonometry. TRIG 041. This course focuses on trigonometric principles as an extension of algebraic and geometrical concepts. Students will study angles, arcs, the unit circle, right triangle trigonometry, the six trig functions, inverse functions, fundamental trig identities, verifying trig identities, solving trig equations, the law of sines, the law of cosines, vectors, complex numbers, and polar coordinates. | \$200.00 |
| HS Pre-Calculus | PRECALC-041-CR: Precalculus, Part 1 (.5 credit) | Intended as credit recovery for Pre-Calculus, semester 1. This course covers using mathematical functions to solve real-world problems. The course reviews basic functions operations, composition of functions, and inverse functions before moving into function transformations and polynomial, rational, exponential, and logarithmic functions. This is the first course in a two-part Pre-Calculus series (PRECALC 041 and PRECALC 043). | \$200.00 |

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| | PRECALC-043-CR: Precalculus, Part 2 (.5 credit) | Intended as credit recovery for Pre-Calculus, semester 2. This course uses mathematical functions to solve real-world problems. The course discusses trigonometric identities and the law of sines and cosines. Other primary topics include vectors, polar functions, parametric equations, conic sections, matrices and solving systems of linear equations, and combinatorics and probability. This is the second course in a two-part Pre-Calculus series (PRECALC 041 and PRECALC 043). | \$200.00 |
| HS Biology | Biology, Part 1 (BIOL 041) (.5 credit) | Intended as credit recovery for Biology, semester 1. After learning about the scientific method, students will study life at its most basic level, the cell. Students will then use the cell as a foundation for understanding how life evolves, including a detailed discussion of DNA, genetics, and evolution. Each lesson in this course includes an interview with a professional in a career related to biology. Two thousand years ago, most people agreed that life, death, sickness, and health were the result of fickle gods. Today we know a little more about the principles behind life and seek to learn more through the study of biology. This is the first course in a two-part Biology series (BIOL 041 and BIOL 043). | \$200.00 |
| | Biology, Part 2 (BIOL 043) (.5 credit) | Intended as credit recovery for Biology, semester 2. In this course, students will continue studying life but with a progressively wider lens by discovering the variety of life that has evolved, determining how to categorize different living things, and comparing how these living things interact with their environment. This is the second course in a two-part Biology series (BIOL 041 and BIOL 043). | \$200.00 |
| HS Chemistry | CHEM-061-CR: Honors Chemistry, Part 1 (.5 credit) | Intended as credit recovery for Chemistry, semester 1. Though this is an honors course, it will not be given the honors weight on the Areten Prep transcript. This honors-level course covers principles of chemistry, including atomic theory and chemical bonding, the periodic table, unit conversions, chemical formulas, the mole concept, and stoichiometry. It includes extensive use of algebraic concepts throughout each lesson. This course is taught by an award-winning chemistry teacher and includes use of the Virtual ChemLab software. This is the first course in a two-part Honors Chemistry series (CHEM 061 and CHEM 063). | \$200.00 |
| | CHEM-063-CR: Honors Chemistry, Part 2 (.5 credit) | Intended as credit recovery Chemistry, semester 2. Though this is an honors course, it will not be given the honors weight on the Arete Prep transcript. The topics in this honors-level chemistry course include kinetic theory, gas laws, solutions, chemical kinetics and equilibrium, acid-base reactions, precipitation reactions, oxidation-reduction reactions, and electrochemistry. Honors Chemistry, Part II, continues the study of the principles of chemistry and builds on the concepts taught in Honors Chemistry, Part I (CHEM 061). | \$200.00 |

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| HS Physics | PHSCS-041-CR: Physics, Part 1 (.5 credit) | Intended as credit recovery for Physics I, semester 1. This physics course is a mathematical treatment of motion and inertia, Newton's laws, momentum and energy, circular motion and gravitation, gravitational interactions and satellites, and so forth. This course includes instructions for lab activities that can be completed with commonly available equipment. This is the first course in a two-part Physics series (PHSCS 041 and PHSCS 043). | \$200.00 |
| | PHSCS-043-CR: Physics, Part 2 (.5 credit) | Intended as credit recovery for Physics I, semester 2. This physics course is a mathematical treatment of change of state, thermodynamics, wave and sound, light and color, lenses, electric charges and fields, current and circuits, satellites, magnetism, nuclear reaction, and so forth. It includes instructions for lab activities that can be completed with commonly available equipment. This is the second course in a two-part Physics series (PHSCS 041 and PHSCS 043). | \$200.00 |
| HS French I | FREN-041-CR: First-year French 1, Part 1 (.5 credit) | Intended as credit recovery for French I, semester 1. Students will work toward proficiency at a Novice-Low ACTFL level in the following topics: greeting others, introducing themselves, saying the alphabet, answering basic questions, telling time, and talking about destinations and where they are going. Additionally, they will be able to briefly talk about friends, family, pets, home, important dates, seasons, toys, games, food, and colors. This course features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is a strong emphasis on learning to speak the language, as well as read and write it. Additionally, there is an emphasis on gaining cultural understanding. This is the first course in a four-part French series (FREN 041, 043, 051, and 053). | \$200.00 |
| | FREN-043-CR: First-year French 1, Part 2 (.5 credit) | Intended as credit recovery for French I, semester 2. Students learn basic conversation skills for inside a post office, in a pharmacy, and at a French dinner table. Several French-speaking regions are also highlighted. This course features interactive elements: live instructor-led orientations and weekly lesson review activities, live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There are specific emphases on speaking and comprehension as well as reading and writing. This is the second course in a four-part French series (FREN 041, 043, 051, and 053) and is a continuation of First-Year French, Part I (FREN 041). | \$200.00 |

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| HS French II | FREN-051-CR: Second-year French 2, Part 1 (.5 credit) | Intended as credit recovery for French II, semester 1. Students will continue to learn to communicate in French; reading, writing, speaking, and culture will be stressed. This course features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is strong emphasis on learning to speak the language, as well as read and write it. This is the third course in a four-part French series (FREN 041, 043, 051, and 053). | \$200.00 |
| | FREN-053-CR: Second-year French 2, Part 2 (.5 credit) | Intended as credit recovery for French II, semester 2. Students will review and enlarge their vocabularies; study holidays, professions, history, and literature; and practice grammar and writing. This course features interactive elements: live one-on-one speaking appointments, a student discussion board, and an instructor-hosted wiki. There is specific emphasis on speaking and comprehension, as well as reading and writing. This is the fourth course in a four-part French series (FREN 041, 043, 051, and 053) and is a continuation of Second-Year French, Part I (FREN 051). | \$200.00 |
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| HS Spanish I | SPAN-041-CR: First-Year Spanish, Part 1 (.5 credit) | Intended as credit recovery for Spanish I, semester 1. This introductory Spanish course focuses on the Latin culture—the Latin world in general as well as the culture of Spain—and is structured to help students begin conversing almost immediately in Spanish. Students will practice pronunciation, patterns, basic grammar, reading, and writing about familiar topics. Conversation practice and weekly Today’s Specials (grammar, culture, and vocabulary lessons) happen in the Conversation Café, where students will interact with other students and course teaching assistants. This is the first course in a six-part Spanish series (SPAN 041, 043, 051, 053, 061, and 063). | \$200.00 |
| | SPAN-043-CR: First-Year Spanish, Part 2 (.5 credit) | Intended as credit recovery for Spanish I, semester 2. This Spanish course is a continuation of First-Year Spanish, Part I, and introduces the Spanish language and culture (focusing on Peru, Bolivia, and Paraguay). It is structured to help students practice speaking using the vocabulary, grammar, and cultural information that they learn. Conversation practice and weekly Today’s Specials (grammar, culture, and vocabulary lessons) happen in the Conversation Café, where students will interact with other students and course teaching assistants. This is the second course in a six-part Spanish series (SPAN 041, 043, 051, 053, 061, and 063). | \$200.00 |
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| HS Spanish II, Summer School 2021 | SPAN-051-CR: Second-Year Spanish, Part 1 (.5 credit) | Intended as credit recovery for Spanish II, semester 1. Building on the skills that students developed during their first year of Spanish, students will focus on speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Colombia, Nicaragua, El Salvador, and Honduras). Conversation practice happens in the Conversation Café, where students will interact with other students and course teaching assistants. This Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the third course in a six-part Spanish series (SPAN 041, 043, 051, 053, 061, and 063). | \$200.00 |
| | SPAN-053-CR: Second-Year Spanish, Part 2 (.5 credit) | Intended as credit recovery for Spanish II, semester 2. Students will focus on developing speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Venezuela, Argentina, Uruguay, and Chile). Conversation practice happens in the Conversation Café, where students will interact with other students and course teaching assistants. This new Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the fourth course in a six-part Spanish series (SPAN 041, 043, 051, 053, 061, and 063). | \$200.00 |
| HS Spanish III | SPAN-061-CR: Third-Year Spanish, Part 1 | Intended as credit recovery for Spanish III, Semester 1. Students will focus on developing speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Mexico and Guatemala). Conversation practice happens in the Conversation Café, where students will interact with other students and course teaching assistants. This new Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the fifth course in a six-part Spanish series (SPAN 041, 043, 051, 053, 061, and 063). | \$200 |
| | SPAN-063-CR: Third-Year Spanish, Part 2 | Intended as credit recovery for Spanish III, semester 2. Students will focus on developing speaking, listening, reading, and writing skills, with appropriate grammatical principles as well as additional insights into culture (focusing on Ecuador, Cuba, Dominican Republic, Puerto Rico, Panama, and Costa Rica). Conversation practice happens in the Conversation Café, where students will interact with other students and course teaching assistants. This new Spanish course includes many interactive activities and also includes an instructor-hosted wiki and live one-on-one speaking appointments. This is the sixth course in a six-part Spanish series (SPAN 041, 043, 051, 053, 061, and 063). | \$200 |

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| HS Economics | ECON-041-CR: Economics | Intended for credit recovery if previous Economics course was failed OR if high school students has not taken/successfully completed an Economics course prior to graduation. This course focuses on the study of economic problems and the methods by which societies solve them. It examines the characteristics of the market economy of the United States and its function in the world. It helps students develop opinions based on economic principles and provides opportunities to share those opinions with their peers as they discuss current events. | \$200 |
| 9th HL - American History | HIST-041-CR: Pt 1 - United States History to 1877 | Intended for credit recovery of the history component of 9th grade Humane Letters, semester 1. This is a general survey of United States history from 1492 to 1877; it guides students through the colonization of the Americas, the French and Indian War, the Revolutionary War, the westward expansion, and the Civil War. This is the first course in a two-part United States History series (HIST 041 and HIST 043). | \$200 |
| | HIST-043-CR: Pt 2 - United States History from 1877 | Intended for credit recovery of the history component of 9th grade Humane Letters, semester 2. This is a general survey of United States history from 1877 to the present; it guides students through the industrialization, World Wars I and II, the civil rights movement, and more. This is the second course in a two-part United States History series (HIST 041 and HIST 043). | \$200 |