

I-Team Ranch Course Catalog

Student Achievement Services

Student Achievement Services offers services and supports for students that have an Individualized Education Plan (IEP). Our continuum of services is designed to meet the individual needs of each student with an IEP. Course offerings provide students in-class support in general education classes, as well as intensive supported instruction outside of the general education classroom, based on a student's IEP. Since an IEP is required for placement in these classes, students should consult with their case manager to enroll in these classes. Along with providing intensive supported instruction, SAS provides support through team taught instruction in core academic areas. These classes include Math 6-8, Algebra 1, Algebra 2, Geometry, Language Arts 6-8, English 9-12, Government, and U.S. History.

ENGLISH

ELEMENTS OF AMERICAN LIT

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students study the structure and meaning of literary works, and how the form affects interpretation. Students analyze themes and trends in American literature, from pre-colonial times to the present. Students learn how American literature reflects these issues.

ELEMENTS OF COMMUNICATION 2

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

This course helps students improve their writing and critical thinking skills.

ELEMENTS OF COMPOSITION

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students learn how to conduct research and incorporate academic sources into their writing. how to write arguments using logical and rhetorical techniques and how to read and analyze a variety of texts

ELEMENTS OF ENGLISH

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

This course is recommended for students who need significant review of basic English concepts. Students taking this course will receive instruction in basic reading and writing skills utilizing a modified version of English 10, 11 or 12. The topics will include oral presentations, listening skills, reading and interpreting more complex literary and informational texts, writing narrative, informational, and persuasive texts, working to revise grammar, usage, and mechanics to achieve greater clarity in his/her own writing, and analyzing informational materials, including electronic sources, for their relevance and accuracy.

ELEMENTS OF FILM AND LITERATURE

Grades: 10-12

Credit: .25 per quarter

Course length: 1 sem.

Prerequisite: Must have current IEP

Students will study film as an art form and medium of literature. Through active viewing, reflective response, reaction papers, formal essays, and discussion, students will learn to judge quality. Emphasis will be placed on furthering students' composition skills.

ELEMENTS OF GRAMMER

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students will be taught how to form an excellent foundation for spoken and written English.

ELEMENTS OF JOURNALISM

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students will be taught how to write clear, concise, and accurate news stories. Learn how to gather news, including interviewing and other techniques; judge the newsworthiness of events and ideas; how to produce multimedia content, such as photography and video production; how to lay out and design newspapers and yearbooks.

ELEMENTS OF LITERACY

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

This class covers instructional strategies for the five pillars of reading, including phonemic awareness, phonics, vocabulary, fluency, and comprehension.

ELEMENTS OF MULTICULTURAL LITERATURE

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

This course will introduce historical and contemporary perspectives of the roles that minorities and women have played. Using fiction, non-fiction, poetry, essays, and film, students will gain an understanding of achievements, contributions and myths of these groups so that they will not be limited by social and political mores. Students will read, discuss, view, and write about issues and concerns of the cultures studied

ELEMENTS OF POETRY

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

The course focuses on writing, reading, and listening to poetry as well as reading and writing about poetry. Students will learn the elements of poetry (imagery, metaphor, meter allusion, rhyme, rhythm, sound structure, and form) to become poets themselves.

ELEMENTS OF PRACTICAL ENGLISH

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Must have current IEP

Practical English is a year-long course that covers reading comprehension, reading fluency, and writing as well as the application of those skills. Emphasis will be placed on development of functional English skills and applying them to practical situations. Students will read a minimum of one novel per semester.

ELEMENTS OF SCIENCE FICTION LIT

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students will read and discuss a variety of science fiction selections. Literature discussions will include an analysis of plot development, characterization, and themes. Student will write an essay explaining the components of science fiction literature.

ELEMENTS OF SOCIAL ISSUES

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students will examine social problems through a global lens and consider possible solutions at both the individual and structural level. They may also emphasize the intersection of social identities, such as race, class, gender, and sexuality

SOCIAL STUDIES

ELEMENTS OF AMERICAN GOVERNMENT / CIVICS

Grade 11-12

Credit: .25 per quarter

Course length: 1 sem.

Prerequisite: Must have current IEP

This course covers the foundations of American government. The three branches of government - legislative, judicial and executive - will be studied at local, state and federal levels. The course provides an opportunity for students to attain civic competency. It focuses on the essential role and responsibilities of individuals in a democracy

ELEMENTS OF GLOBAL STUDIES

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

This course is designed to expose students to both world geography themes and historical events and themes in the world's history. The course will cover the skills that are necessary for students to deepen their understanding of geography and world history as well as improve their reading, writing, and critical thinking skills. This course includes Holocaust and Genocide Studies.

ELEMENTS OF PSYCHOLOGY

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Must have current IEP

This is a yearlong course designed to help students better understand psychological theories, diagnoses, and human behavior. Curriculum will focus on scientific method, intelligence, personality, social development and psychiatric disorders.

ELEMENTS OF SOCIAL STUDIES

Grades 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Must have current IEP

This course is designed to teach basic social studies skills to students. Students will learn about basic concepts of social studies including geography, community access, and history. This class will involve practical topics that relate to students' everyday lives

ELEMENTS OF SOCIOLOGY

Grades: 10-12

Credit: .25 per quarter

Course length: 1 sem.

Prerequisite: Must have current IEP

This course will examine the development and function of human behavior in groups. The students will study the causes of changing relationships within society. A few topics the class will investigate are: culture, communication and conflict. Current events and sociology issues will be incorporated throughout the course.

ELEMENTS OF US HISTORY

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Must have current IEP

This course meets the district's U.S. history requirement for graduation. The course is designed for students who have reading, learning, or emotional difficulties. Materials are modified, and individual attention is emphasized to help students succeed in United States history.

ELEMENTS OF WORLD HISTORY

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Must have current IEP

This course surveys world history from the emergence of civilization to the present day. Materials are modified, and individual attention is emphasized to help students understand political, social, economic and cultural forces across civilizations

HOLOCAST AND GENOCIDE STUDIES

.25 credit is required in the following class to fulfil the graduation requirement

- Overland High School World History
- Eaglecrest High School World Geography
- Cherokee Trail High School World Geography
- Grandview High School World History
- Cherry Creek High School World History
- Smoky Hill High School Global Studies

MATH

ELEMENTS OF ALGEBRA

Grades: 10-12

Credit: .25 per quarter

Course Length:1 Year

Year Prerequisite: Must have current IEP

Students taking this course will receive instruction in basic arithmetic skills utilizing a modified version of Algebra 1. The topics covered include sets, the real number system and its properties, operations with polynomials, linear equations, inequalities, systems of equations, factoring polynomials, graphing, radicals, and quadratic equations. This course provides the required background necessary for the successful completion of Elements of Geometry and Elements of Math. Problem solving is emphasized and students use current technology including calculators and computers.

ELEMENTS OF ALGEBRA 2

Grades: 10-12

Course Length:1 Year

Credit: .25 per quarter

Prerequisite: Must have current IEP

Students taking this course will receive instruction in basic arithmetic skills utilizing a modified version of the Algebra 2 curriculum. The course covers topics such as quadratic functions, complex numbers, solving systems of equations and inequalities, polynomial functions, exponential and logarithmic function. Student will take the Algebra 2 District capstones in an accommodated manner as part of this class. This will help students meet the graduation requirements for math proficiency

ELEMENTS OF APPLIED MATH

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students learn about numeracy, data analysis, and probability. They work on non-calculator proficiency and calculator use. Topics include percentages, measures of center and spread, reading and making graphs, probability and odds, and relationships between data sets.

ELEMENTS OF CONSUMER MATH

Grades: 10-12

Credit: .25 per quarter

Length of course: Year

Prerequisite: Must have current IEP

Consumer Math reviews the importance and relevance of calculating wages, determining budgets, and stressing money management skills. Students will continue to get an in-depth look at the functional mathematics that are used in real-life contexts, such as paying bills, calculating taxes, and building equity.

ELEMENTS OF GEOMETRY

Grades: 10-12

Course Length: 1 Year

Credit: .25 per quarter

Prerequisite: Must have current IEP

This course is the second year of the sequence of Elements of Algebra, Elements of Geometry, and Elements of Math. Students taking this course will receive instruction in basic arithmetic skills utilizing a modified version of Geometry. The topics include reasoning and proof, perpendicular and parallel lines, triangles, quadrilaterals, similarity, right triangle trigonometry, circles, area, and volume. It offers students many opportunities to explore geometric situations, develop concepts, and use theorems and postulates to solve applications. Students will learn to communicate reasoning through proofs and other forms of writing. The course provides continued use of algebra skills integrated into geometry concepts.

ELEMENTS OF INTEGRATED ALGEBRA/GEOMETRY

Grades 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Students with IEP

This course covers the essential math topics of number sense, properties, operations algebraic structures, patterns and analysis found in the common core standards. This class is designed to provide each student with the opportunity to master basic skills necessary to adequately progress in high school math. This course is available by teacher recommendation only based on middle school performance

ELEMENTS OF MATH

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Elements of Mathematics is a math curriculum that covers basic concepts in mathematics, including: Problem solving, logic, sets and binary operations, natural numbers and their properties, integers, rational numbers, and real numbers

ELEMENTS OF MATHEMATICAL DESIGN

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students learn to apply a variety of strategies and technologies to solve problems in math and other contexts. Students learn to identify features of number systems, such as place value, positional, and zero as a placeholder.

ELEMENTS OF MATHEMATICAL REASONING

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students learn to apply and adapt various strategies and technologies to solve problems. Identify the features of number systems, such as place value and zero as a placeholder. Perform arithmetic computations with rational numbers, including decimals and fractions. Make sense of problems, construct arguments, and critique the reasoning of others.

ELEMENTS OF PRACTICAL MATH

Grades 10-12

Credit: .25 per quarter

Course length: 1-year

Prerequisite: Must have current IEP

Practical Math Applications is a year-long course that covers basic math skills and the practical application of those skills. Emphasis will be placed on development of functional math skills and applying them to practical situations.

SCIENCE

ELEMENTS OF APPLIED SCIENCE

Grades: 10-12

Credit: .25 per quarter

Course length: 1-year

Prerequisite: Must have current IEP

This course will focus on how science applies to everyday life, especially in terms of health and exercise. In this class, students will be learning what different factors create a healthy lifestyle and will work on implementing them into their own lives.

ELEMENTS OF BIOLOGY

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: Must have current IEP

This course focuses on the fundamentals of Biology. The topics of study include cell chemistry of life, ecology, evolution, human systems and genetics. This course is not considered a laboratory science course.

ELEMENTS OF EARTH SCIENCE

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

This class will cover elements like the structure of the Earth, rock types and minerals, earthquakes, volcanoes, weather patterns, climate change, oceanography, geologic time, mapping, and the interactions between Earth's different spheres (atmosphere, geosphere, hydrosphere, biosphere).

ELEMENTS OF ENVIRONMENTAL SCIENCE

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students will learn about ecosystems, organisms, and their interactions within Earth's systems. The use and management of resources from air, water, and land. The sources of energy, including nuclear, hydropower, wind, solar, coal, oil, and natural gas. The variety of genes, species, and habitats that make up ecosystems

ELEMENTS OF GEOLOGY

Grades: 10-12

Credit: .25 per quarter

Course length: 1-year

Prerequisite: Must have current IEP

This course will introduce students to paleontology where students will explore the fascinating history of life on Earth through the study of fossils and ancient ecosystems. They will learn about the processes of fossilization, the evolution of different species and the techniques used by paleontologists to uncover and interpret these ancient remains. Hands on activities will provide practical experience in identifying and analyzing fossils.

ELEMENTS OF PHYSICAL SCIENCE

Grades: 10-12

Credit: .25 per quarter

Course length: 1-year

Prerequisite: Must have current IEP

This class focuses on the fundamentals of the following topics: astronomy, chemistry, physics, and the use of scientific inquiry as a method of learning. Concepts in this class will be integrated with math and writing skills. This course is not considered a laboratory science class.

ELEMENTS OF PHYSICS

Grades: 10-12

Credit: .25 per quarter

Course length: 1-year

Prerequisite: Must have current IEP

This course is a project-based course structured into four potentially independent quarters. Students may enter physics at the start of any quarter. First quarter projects address on-dimensional motion; second quarter is devoted to two-dimensional motion. The major topics for the third and fourth quarter are electricity and optics, respectively.

ELEMENTS OF SCIENCE

Grades: 10-12

Credit: .25 per quarter

Course length: 1-year

Prerequisite: Must have current IEP

This course is designed for students to investigate topics in the fields of health, biology, Earth science, ecology, and chemistry. Throughout the course, science concepts are explained using familiar everyday examples.

ELEMENTS OF ZOOLOGY

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students learn about the anatomical structures and physiology of animals, including their cells, organs, and chemical makeup, animal behavior and relationships and the ecology of animals, including their habitats and distributions.

PRACTICAL FINE ARTS

ELEMENTS OF ART

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Students will learn the seven elements of art. Line, shape, space, value, form, texture and color. These elements are the building blocks, or ingredients, of art. A line is a mark made on a surface. A shape is a flat area of enclosed space.

PHYSICAL EDUCATION and HEALTH

ELEMENTS of HEALTH

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

This is a required course for graduation credit. Health includes discussions on current issues in health-related areas, such as, nutrition, physical fitness, diseases and disorders, mental health issues, stress management, self-concept, coping skills, first aid, human relationships, substance abuse and violence prevention. Evaluation is based on overall comprehension of the material presented.

ELEMENTS OF DANCE

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

This class provides the student, who has little or no jazz or modern dance experience, the opportunity to learn fundamental techniques of movement and rhythm. The student will also develop a knowledge of dance styles, history, terminology and aesthetics.

ELEMENTS OF INDIVIDUAL SPORTS

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

This course is designed to expose students to a variety of individual/dual sports as well as recreational sports/activities. Students will learn fundamental techniques, rules, care of equipment, scoring and team play. Class competition will be an integral part of this course.

ELEMENTS OF OUTDOOR EDUCATION

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

This course will focus on developing and maintaining health related and skill related fitness through participation in various team games and sports. Team games and sports may include but not limited to: basketball, flag football, soccer, ultimate Frisbee, Pickleball, badminton, and volleyball.

ELEMENTS OF PHYSICAL EDUCATION

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

Students will engage in a variety of physical activities designed to promote and develop lifelong health and skill related fitness. Experiences may include but are not limited to: fitness-based activities, fitness testing, health related concepts, individual and team activities, aquatics, and dance. Students will also engage in a classroom-based health course that includes the following components of health; physical, spiritual, emotional, mental, environmental and social.

ELEMENTS OF TEAM SPORTS

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

The following sports and activities are offered throughout the course of each semester. Students will be exposed to the basic skills, strategies, fitness components, rules, and regulations of 4-5 of the following activities as facilities permit. Basketball Flag Football Volleyball Soccer Speedball Speed-a-way Frisbee Softball Floor Hockey

ELEMENTS OF WEIGHT TRAINING

Grades: 10-12

Credit: .25 per quarter

Course length: 1 semester

Prerequisite: Must have current IEP

This class serves as an introduction to the basic principles of weightlifting. The focus is to increase strength by lifting weights up to three times per week through many different forms of weight and strength training. The five components of fitness are taught with an emphasis on muscular strength, cardiovascular endurance and flexibility.

ADVISORY

Grades: 10-12

Credit: .25 per quarter

Course length: 1 Year

Prerequisite: Must have current IEP

Advisory is an opportunity to create space and time within the school environment to allow students and staff to build caring, stable, trusting relationships that support the social emotional and academic growth of students.

STUDY HALL

Grades: 10-12

Credit: .25 per quarter

Course Length: 1 Year

Prerequisite: Must have current IEP

Study hall is a period in the school day for students to complete homework, study, and review materials. It can be a valuable time for students to manage their workload, especially if they have a busy schedule. Study hall can also help students maintain a steady schedule, so they can participate in extracurricular activities.

CTE (Career and Technical Education) classes

ACE Career Development II - Application

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

As developmentally appropriate, this course (or series of courses) is designed to teach skills

needed for entry into the workforce. Students will demonstrate successful job search strategies.

Students will demonstrate employability skill ability to accurately complete job applications,

write a resume ask for letters of recommendation. Students will examine model interviews and

then participate in their own interview simulations. Students will be able to advocate for accommodations or adaptations necessary to be successful on the job. Students will be knowledgeable of the environmental expectations of the workplace. Additionally, students will

be introduced to personal financial literacy skills including: financial planning, budgeting, saving,

credit, paycheck calculation, and taxes. Students practice appropriate communication, teamwork, problem-solving while working in a group environment. Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.

ACE Career Development – Foundations

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

As developmentally appropriate, this course (or series of courses) is designed for students to create an individual, initial career plan that outlines steps to reach their career goal. Students will identify a career goal based upon results of various assessments, i.e. interest survey, aptitude evaluation, academic skills, learning styles, work preferences, etc. Students will also investigate the training and educational requirements (academic planning & postsecondary options) for their chosen career field. Students should be able to articulate short-term action necessary to achieve the goal(s) in their career plan; including intentional academic planning, high school choices based on self-awareness, career exploration and postsecondary aspirations. Whenever possible, computer literacy skills, and leadership skills tied to a CTSO should be embedded into the curriculum.

ACE Community Work-Based Learning

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

Prerequisite: (As a pre-requisite, students should have already taken or be simultaneously enrolled in the ACE Career Development (CD I-III) course sequence)

As developmentally appropriate, this course (or series of courses) is designed for students to develop basic employment skills by participating in an in-school work/school-based enterprise experience. A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills the student will learn during the experience. Hours worked will be documented to help students learn financial literacy. Students will demonstrate levels of self-awareness, career exploration, postsecondary option knowledge and employability skills. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly. This course is not an alternative learning experience and will take place during the school day.

ACE In-School Work-Based Learning

Grades: 10-12

Credit: .25 per quarter

Course length: 1 year

As developmentally appropriate, this course (or series of courses) is designed for students to develop basic employment skills by participating in an in-school work/school based enterprise experience. A training plan and evaluation (to be filled out by the supervisor/employer) will be developed listing job specific technical skills the student will learn during the experience. Hours worked will be documented. Students will demonstrate levels of self-awareness, career exploration, postsecondary option knowledge and

employability skills. ACE teachers serves as a coach and mentor checking in with supervisor/employer regularly. This course is not an alternative learning experience and will take place during the school day.