

AISU Course Catalog 2017-2018

Secondary Program: Graduation Requirements

High School Graduation Requirements

In order to receive a standard diploma from American International School of Utah (AISU), students must earn a total of 27.0 credits in the following categories:

4.0 Credits ENGLISH	1.0 credit English 9
	1.0 credit English 10
	1.0 credit English 11
	1.0 credit English 12 or Advanced or Applied English Elective, which focuses on Literature and Writing Composition
3.0 Credits MATH	1.0 credit Secondary Math I
	1.0 credit Secondary Math II
	1.0 credit Secondary Math III or Applied Math Electives
3.0 Credits SCIENCE	Students must earn 2.0 credits from two of the science foundation courses: Earth Science, Biology, Chemistry, or Physics.
	1.0 credit Foundation, Advanced or Applied Science Electives
3.0 Credits SOCIAL STUDIES	0.5 credit Human Geography
	0.5 credit World History
	1.0 credit United States History
	0.5 credit U.S. Government
	0.5 credit Social Studies Elective
2.0 Credits WORLD LANGUAGE	2.0 credits from a qualifying World Language course
3.5 Credits DIRECTED COURSEWORK	0.5 credit Financial Literacy
	0.5 credit Digital Studies
	1.5 credits Fine Arts
	1.0 credit Career and Technical Education (CTE)
2.0 Credits HEALTH/PHYSICAL EDUCATION	0.5 credit Health
	0.5 credit PE Lifetime Sports
	0.5 credit PE Participation
	0.5 credit Fitness for Life
4.5 Credits GENERAL ELECTIVES	Students must earn 4.5 credits from AISU's General Electives.
2.0 Credits PERSONAL LEADERSHIP	Students must earn 2.0 credits from the AISU Personal Leadership series.
Total: 27.0 Credits	
Additional Requirements:	*Student MUST take the ACT
	*Note: Students who transfer into AISU for their 10th Grade or later may apply to the AISU Administration for a waiver or modification of AISU specific graduation requirements.

Advanced/Honors Diploma

Is Advanced/Honors Diploma has the same requirement as the standard diploma with the addition of ACT Benchmark scores of:

English	-	24
Reading	-	24
Math	-	24
Science	-	24

While the required number of credits to graduate with a standard diploma is common with the surrounding five resident districts (27 credits; except for Salt Lake District, 24), most of the resident district's "Advanced" diploma requirements are the same as AISU's standard diploma. This is due to AISU's graduation requirement of two years of foreign language and the college prep requirements of taking an ACT/SAT prep course as well as requiring students to take the ACT. We feel that this puts more rigor into the education AISU students will be receiving, and supports the school's mission and goals of engaging students in global issues. Language is the key to understanding many aspects of culture, and knowing how to communicate effectively to be an agent for change on a global scale. The alignment of AISU graduation requirements to AISU goals, as well as the Utah state objectives, is demonstrated in the core requirements and electives found in the AISU Course Catalog for 7th -12th grade.

ADMISSION REQUIREMENTS FOR COLLEGES AND UNIVERSITIES

The University of Utah and Utah State University require (other colleges/universities strongly recommend) the following courses for admission:

4.0 credits English (emphasizing composition/literature: English 9, English 10, English 11, English 12, or English AP)

3.0 credits Math (four years are encouraged) selected from Elementary Algebra, Geometry, Intermediate Algebra, Pre-calculus, or Calculus. Students are strongly encouraged to take at least through Pre-calculus.

3.0 credits Science core (selected from three of the following four areas: Earth Systems, Biology, Chemistry, Physics)

2.0 credits Foreign Language (same language) required by University of Utah only, recommended by all other colleges.

1.0 credit United States History

4.0 credits additional courses (selected from at least two groups: English, history, math beyond Algebra 2, foreign language, lab science, social science, fine arts.)

COURSE CODE KEY

- (AE) Arts Elective
- (CTE) Career and Technology Education
- (EAd) Advanced English
- (EAp) Applied English
- (EC) English Core
- (FL) Foreign Language
- (FLE) Foreign Language Objective
- (GE) General Elective
- (MAd) Advanced Math
- (MAp) Applied Math
- (MC) Math Core
- (PEP) PE Participation
- (PEEl) PE Elective
- (R) Required For Graduation
- (SAd) Advanced Science
- (SAp) Applied Science
- (SC) Science Core
- (SS) Social Studies Core
- (SSE) Social Studies Elective

HOW TO READ THE COURSE DESCRIPTIONS

This line tells you the name of the class.

This lists the grades that may enroll in the class.

These are the course codes that tell you what graduation requirements the class qualifies for.

This tells you how many credits the course is worth.

This tells you whether there is a class fee, and how much that fee is.

This tells you the class or classes that you must have taken and successfully completed in order to qualify to take this class.

This tells you the subject matter that the class covers and gives you a brief description of the class.

AP ENGLISH LANGUAGE AND COMPOSITION

1.0 Credit—Grades 11-12 (EAd) (EC)

Fee: None

Prerequisite: English 10

This Advanced Placement English class is a college-level course in effective writing and critical reading. Students will read and write the kinds of discourse they will encounter during college and on the job. The course will focus on nonfiction literature, while preparing students for the AP Language and Composition exam. Discover why “success often comes to those who have the aptitude to see way down the road.”

HIGH SCHOOL COURSES

The courses described here are directly facilitated by teachers at AISU. Additional courses are available upon request, including AP courses not listed below, foreign language courses, and others.

ENGLISH LANGUAGE ARTS

ENGLISH 9

1.0 Credit—Grade 9 (EC) (R)

This course develops language skills in four areas: reading, writing, speaking, and presentation skills. Students will read both fiction and nonfiction and write in a variety of genres. Skills will be taught in connection with writing.

This course will explore the themes of:

I - MDGs and You

II - Who Am I?

III - Food For Thought

ENGLISH 10

1.0 Credit—Grade 10 (EC) (R)

Prerequisite: English 9

Students will begin a more intensive emphasis on the writing process in the informational and functional areas as well as continued development of listening, viewing and speaking skills. Students will study all genres in American literature, reading classic as well as modern American authors. This course will explore the themes of:

I - Stories

II - Drama

III - Forbidden Books

ENGLISH 11

1.0 Credit—Grade 11 (EC) (R)

Prerequisite: English 10

Students read, write, listen to and view from functional, informational and literary texts from different periods, cultures and genres in world

literature. Students will also add to their presenting and speaking skills through group and individual practice. This course will explore the themes of:

I - Rhetoric

II - A Nation's Argument

III - Policy

ENGLISH 12

1.0 Credit—Grade 12 (EAd) (R)

Prerequisite: English 11 or AP English

The class is designed to review and supplement previously taught writing skills, mechanical skills, and usage problems. The reading, which will include modern novels, is broad-based. This course will explore the themes of:

I - Journalism

III - Endurance

LITERACY

0.5 Credit—Grades 9-12 (EAp)

Curriculum focuses on helping the individual student become more literacy proficient. In a small group setting students will use the Learning Language Live program to work on reading comprehension, grammar review and writing skills. Based on test scores, students will be invited to participate in this class.

ENGLISH ELECTIVE COURSES OFFERED AS INTENSIVES

(Descriptions listed in intensive course list)

MATH

SECONDARY MATH I (1.0 credit)

1.0 Credit—Grade

This course deepens and extends understanding of linear relationships through an introductory study of systems of equations, and also by contrasting them with exponential behaviors with applications of sequences and series. Linear data trends that can be identified will be fit with linear models. The idea of a mathematical function will be introduced, by way of evaluating and graphing mostly linear functions. Beyond the algebra, properties and theorems involving congruent figures to deepen and extend understanding will be studied to enhance geometric knowledge from prior grades. These concepts will be explored, tied together, and applied by studying the general themes of:

SECONDARY MATH II

1.0 Credit—Grade 10

Prerequisite: SM-I

The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course. These concepts will be applied through the project-based study related to the general themes of:

SECONDARY MATH III

1.0 Credit—Grade 11

Prerequisite: SM-II

Students apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create

models and solve contextual problems. The applied nature of these topics will be studied through the general themes of:

I - Design & Engineering

II - Light, Sound & Time

III - Urban Planning

MATH FOUNDATIONS

1.0 Credit—Grades 9-12

This course is designed for students who need to build their mathematical confidence and solidify their skill-based and conceptual foundation to support their progress in the high school STEM sequence. Class exercises and activities are centered around core mathematics standards that are prerequisite to high school mathematics success.

PRECALCULUS

1.0 Credit—Grades 11-12

Prerequisite: Algebra II and approval from current math teacher or math program director, OR Co-requisite: SM-III

This course is for students who anticipate pursuing a career in a STEM field, or is otherwise interested and motivated to take AP Calculus. Topics will review and extend the study of the library of functions and their graphs through further curve analysis. Additionally, trigonometry and trigonometric functions will be extensively studied, as well as equations and properties of conic sections. Students will be prepared for the study of calculus as they further review properties of the real number system, the theory of equations, relations, and coordinate geometry. They will additionally be introduced to the formal idea of the limit. Graphing software will be used to explore these topics, but it is highly recommended that students obtain a graphing calculator for preparation of use on college entrance and AP exams.

COLLEGE PREP MATHAMATICS

1.0 Credit—Grade 12

College Prep Math formalizes and reinforces concepts from the Secondary Mathematics series to provide students with the foundational skills and understanding prerequisite to College Algebra (1050). Throughout this course, students will make sense of problems and persevere in solving them, use tools strategically, and attend to

precision.

I – Systems and Models

II - Entrepreneurship

CALCULUS

1.0 Credit—Grades 11-12

Prerequisites: Secondary Mathematics II

This course is a conceptual introduction the essential themes and big ideas of calculus (the limit, derivative, and integral). These concepts are introduced and explored with graphical software or calculators in the context of real-world problems, and reinforced through graphical analysis, small group discussions, and presentations.

AP CALCULUS AB 1.0 credit

1.0 Credit—Grades 11-12

Prerequisites: Precalculus

This is a college-level course in preparation for the AB-level Advanced Placement examination in calculus. Topics include the algebra of functions and advanced graphing techniques, limits and continuity, the derivative and its applications, techniques of differentiation for the elementary functions, area under a curve, integrals and their applications, and the fundamental theorem of calculus. Concepts are presented on an intuitive level without rigorous proof. A graphing calculator is used throughout the year in preparation for the AP exam and other college-entrance exams.

MATH ELECTIVE COURSES OFFERED AS INTENSIVES

(Descriptions listed in intensive course list)

SCIENCE

BIOLOGY

1.0 Credit—Grades 9-12 (SC)

Students will study the functions of atoms and molecules in the chemistry of cells, the structure and function of cells, and how cells function as a system. They will analyze how genetic information is passed from one cell to another, and the significance and impact of genetic alteration on living organisms. Students will explore biological diversity, analyze characteristics of ecosystems, and the interdependence of organisms with each other and with their environment. Hands-on, student-centered activities allow students to explore the diversity of life and the relevancy of biology in their lives. The state core curriculum will be followed and enhanced. This course will explore the themes of:

I - Food

II - Disease

III - Population

CHEMISTRY

1.0 Credit—Grades 10-12 (SC)

Prerequisite: SM-I

Chemistry is the study of matter, its structure, properties, and composition. This course covers topics of basic chemistry including atoms, energy, chemical bonds, chemical reactions, and solutions. Students will develop an understanding of chemical concepts and determine the relevance of chemistry in their lives. Participation in lab work is required. This course will explore the themes of:

I - Food

II - Fuel

III - Cure

EARTH SCIENCE

0.5 Credit—Grade 9 (SC)

The theme for Earth Science is systems. The “Benchmarks” in the Earth Science Core emphasize “systems” as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. Earth Science provides students with an understanding of how the parts of a system through the study of the Earth’s cycles and spheres. Earth’s place in the universe as well its internal structure, tectonic plates, atmospheric processes, and hydrosphere are explored to help

understand how Earth science interacts with society. This course will explore the themes of:
I - Water

PHYSICS

1.0 Credit—Grades 10-12 (SAd)

Prerequisite: Completed or enrolled in SM-I
Physics studies the “rules” of nature, in particular the rules that define relationships between matter, energy, and motion. The course will focus on understanding the concepts of physics and applying mathematical explanations. Topics covered include Newtonian mechanics, heat, sound, light, electricity and magnetism, with an introduction to atomic and nuclear physics. Participation in lab work and several projects is required. This course will explore the themes of:

I - Fuel

II - Light, Sound, and Time

III - Design and Engineering

IV - Urban Planning

SCIENCE ELECTIVE COURSES OFFERED

AS INTENSIVES

(Descriptions listed in intensive course list)

SOCIAL STUDIES

HUMAN GEOGRAPHY

0.5 Credit - Grades 9-12 (SS) (R)

Human Geography is the study of the relationship between people, places and environments. A geographically informed person sees meaning in the arrangement of things across the earth’s surfaces. We will learn how to use spatial concepts and analyze landscape to shed light on the relationship between geography, human socioeconomic organization and its environmental consequences. This course will explore the themes of:

I - MDGs & You

II - Food for Thought

WORLD HISTORY

0.5 Credit—Grades 9-12 (SS) (R)

This course focuses primarily on studying civilizations from pre-history to the modern world. .5 credit can be earned online, and that material focuses on the pre-modern world. .5 credit can be earned through project-based in-class instruction, which focuses on the development of the modern world. The class includes a group mock trial project. This course will explore the themes of:

I - Stories

III - Drama

UNITED STATES HISTORY

1.0 Credit—Grades 11-12 (R) (SS)

Students will study the social, cultural, economic, and political developments of the United States from Reconstruction to the present. This course will explore the themes of:

I - A Nation’s Argument

II - Rhetoric

III - Policy

III - 11th grade Intensive

US GOVERNMENT AND CITIZENSHIP

0.5 Credit—Grades 11-12 (SS) (R)

This course will give students a general understanding of the government, political and legal systems of the United States and the knowledge necessary for engaged citizenship. This course will explore the themes of:

I - Equality

SOCIAL STUDIES ELECTIVE COURSES OFFERED AS INTENSIVES

(Descriptions listed in intensive course list)

FOREIGN LANGUAGE

Foreign Language courses are year-long unless otherwise specified

SPANISH 1

1.0 Credit—Grades 9-12 (FL)

Understanding spoken Spanish and attaining fluency in basic conversational expressions are emphasized. Understanding grammar and written Spanish is also stressed. A study of culture and custom of Spanish speaking countries is covered.

SPANISH 2

1.0 Credit—Grades 9-12 (FL)

Prerequisite: Spanish 1

Emphasis is placed upon expansion of vocabulary and grammar principles while stressing reinforcement and amplification of accurate and fluent use of Spanish. Students will study a variety of culturally relevant topics and engage daily in active listening and conversation activities.

SPANISH 3

1.0 Credit—Grades 9-12 (FL)

Prerequisite: Spanish 2

Spanish is used almost exclusively in the classroom with emphasis on reading and grammar review. Oral comprehension, oral practice and Spanish literature are stressed in the program.

SPANISH FOR NATIVE SPEAKERS/SPANISH 4

1.0 Credit—Grades 9-12 (FL)

Prerequisite: Spanish as a first language

This course allows Spanish speakers to advance their linguistic abilities in their native tongue.

MANDARIN CHINESE 1

1.0 Credit—Grades 9-12 (FL) Fee: None

This course will introduce students to the Chinese language and Chinese culture. They will be taught basic ways to communicate information about themselves, their families, their friends, and school. The four modes of communication will be covered (reading, writing, listening, and speaking).

MANDARIN CHINESE 2

1.0 Credit—Grades 9-12 (FL)

Prerequisite: Mandarin Chinese 1

This course will continue where Mandarin 1 left off. The four modes of communication will be covered (reading, writing, listening, and speaking).

MANDARIN CHINESE 3

1.0 Credit—Grades 9-12 (FL)

Prerequisite: Mandarin Chinese 1 and 2

This course will continue where Mandarin 2 left off, exploring more complicated grammatical structures with the goal of expanding student ability to communicate with greater fluency about a wider breadth of subjects. This course aims to develop students' correct pronunciation, grammatical accuracy and overall competence in reading and writing.

MANDARIN CHINESE 4

1.0 Credit—Grades 9-12 (FL)

Prerequisite: Mandarin Chinese 3

This course will continue where Mandarin 3 left off, the four modes of communication will be covered (reading, writing, listening, and speaking).

CAREER TECHNOLOGY EDUCATION

CTE courses are trimester only courses unless otherwise specified

COMPUTER SCIENCE

MOBILE APP DEVELOPMENT

0.25 credits - Grades 9 – 12 (CTE)

Level 1 – No Prerequisite

App Development introduces the foundational concepts of computer programming, which unlocks the ability to make rich, interactive apps. This course uses JavaScript as the programming language, and App Lab as the programming environment to build apps, but the concepts learned span all programming languages and tools.

EXPLORING COMPUTER SCIENCE

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The goal of Exploring Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers and societal and ethical issues.

COMPUTER PROGRAMMING

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Learn to program a computer in Python, one of the most widely used languages. Starting with variables and covering through simple graphics, this class is intended for the beginner, but previous computer background is helpful.

AP COMPUTER SCIENCE

1.0 Credit—Grades 9-12 (CTE)

Year Long Course

Level 2 – Perquisite, level 1 computer science course

Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester *course* in *computer science*. It also includes the study of data structures and abstraction.

TECH AND ENGINEERING

ROBOTICS

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Learn the fundamentals of robotics: mechanisms, electronics, and programming. This is a fast paced, small group project based class intended for those who want to build and learn. Previous experience is not required.

ELECTRONICS

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Fee – \$10

From schematics and resistors to micro-controllers and soldering, this class covers a wide array of electronic topics to build a foundation or learn new skills. Some math is required, and simple programming will be covered.

CAD MECHANICAL DESIGN

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

From a simple, hand drawn sketch to a realistic 3D computer model, this class teaches the basics of Computer Aided Drafting using AutoDesk's Inventor. Students will learn how to use the CAD software to create models, assemblies and drawings. Previous experience is not required.

ENGINEERING TECHNOLOGY

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

A foundational engineering design course that introduces basic problem-solving and documentation skills. Various aspects of engineering will be explored along with technology's environmental, societal, political, and economic impacts on our world. By utilizing problem-solving skills, students will develop essential abilities and attitudes that will in turn expand their occupational opportunities in the world of engineering.

MANUFACTURING TECHNOLOGY

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Fee – \$10

An introductory course focused on the world of manufacturing technology. Students will gain an understanding of how manufacturing technologies impact politics, the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes that will in turn expand their occupational opportunities in the manufacturing world.

ADVANCED TECH LAB – Robotics, Electronics, CAD and Computer Programming

0.25 Credit—Grades 9-12 (CTE)

Level 2 – Perquisite successful completion of .25 level 1 credit in a tech and engineering course.

Fee - \$10

Students may pursue advanced studies in Robotics, Electronics, CAD or Computer Programming. Students will self direct their learning through buzz modules and may earn up to 0.5 credit in each discipline. Teamwork and collaboration is strongly encouraged.

ENGINEERING CAPSTONE PROJECT

0.25 Credit—Grades 9-12
(CTE)

Level 3 – Prerequisite successful completion of 0.75 level 2 credit and approve project proposals. Recommend to take for more than one consecutive trimester.

Fee - \$10

Students may pursue an individualized capstone project relating to engineering and technology. After carefully defining the problem, teams of students will design, build, and test their solution. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process.

DESIGN THINKING

GRAPHIC DESIGN

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

This course is designed to provide students with the basic knowledge and skills related to the graphic design and printing industries. This includes instruction and hands-on assignments in the following areas: Design & layout, safety, printing operations, related computer and software, and professional skills.

DIGITAL PHOTOGRAPHY

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

This course prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas through digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations.

DIGITAL AUDIO PRODUCTION

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Learn to compose, edit, and arrange music using digital audio technology and computers. Students will familiarize themselves with the environment and operation of an advanced Digital Audio Workstation (DAW), and demonstrate an understanding of basic concepts for music production. This course will also provide an introduction to electronic instruments, synthesis, and sampling using MIDI (Musical Instrument Digital Interface).

ADVANCED DIGITAL AUDIO

0.25 Credit—Grades 9-12 (CTE)

Level 2 – Prerequisite Digital Audio Production
Advanced Digital Audio expands upon the physics of sound, and the hardware and software used to control and record it. This course includes basic instruction in musical acoustics beginning with a foundation in the physics of sound waves, sound measurement, musical instruments, the human ear, and how they affect human perception of musical experiences. Students will learn advanced techniques involved in intermediate to advanced editing, mixing, and post-production processing of digital multitrack audio.

ADVANCED MEDIA PRODUCTION – Graphic Design, Digital Photography, Audio Production

0.25 Credit—Grades 9-12 (CTE)

Level 2 – Prerequisite successful completion of .25 level 1 credit.

As part of the new project-based media production course, students will form a virtual media production company, and create compelling "work-for-hire" pieces to satisfy client demands. Your teacher will assume the role of client to provide expectations, deliver constructive criticism, and even make seemingly unreasonable demands that will require students to work collaboratively, think critically, operate professionally, and meet deadlines in a high pressure media environment. Students will need to satisfy one of the prerequisites, or show examples of work from one or more media disciplines to enroll in this course.

FASHION DESIGN

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Fee - \$10

Students will explore the fundamentals of fashion design from a historical, cultural, and business point of view and gain knowledge of key fashion terms and practices. We will investigate trends, wardrobe basics, and future career options. We will get the opportunity to learn sketching techniques, textile importance, and produce one of a kind fashion pieces. This is a hands on course where you will design, sew, and work collaboratively.

INTERIOR DESIGN

0.25 Credit—Grades 9-12 (CTE)

Level 1 – No Prerequisite

Fee - \$10

This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. We will investigate architecture, landscape design, and space planning for residential and small businesses. Other topics included are furniture arrangement basics, floorplanning, and careers. We will work on design boards selecting fabric, trim, and color swatches for designs. We will also use technology to design 2D and 3D interiors.

ADVANCED DESIGN STUDIO – Interior Design, Fashion Design

0.25 Credit—Grades 9-12 (CTE)

Level 2 – Prerequisite successful completion of .25 level 1 credit.

Fee - \$10

Students may pursue advanced studies in Fashion and Interior design. Students will self direct their learning through buzz modules and may earn up to .5 credit in each discipline. Teamwork and collaboration is strongly encouraged.

AISU NEWS

0.25 Credit—Grades 9-12 (CTE)

Around the school or around the world AISU brings you the news! AISU News students research, write, and produce a daily newscast. In addition to being comfortable appearing on camera, students learn how to operate filming, editing, lighting, and sound equipment. Make

your mother and America proud – become a member of the AISU news team!

CTE COURSES OFFERED AS INTENSIVES (Descriptions listed in intensive course list)

PERFORMING ARTS

Performing Arts courses are year-long courses unless otherwise specified

CHAMBER CHOIR

1.0 Credit—Grades 6-12 (AE)

An advanced 32-voice choir. Audition and previous experience required. Performance opportunities will be frequent (at festivals, competitions, and community events). Students will hone their listening skills and their ability to critique musical performances. Experiences will also be related to personal development. Audition required.

SYMPHONIC CHORALE

1.0 Credit—Grades 6-12 (AE)

A large SATB ensemble (men and women) that explores a wide variety of vocal repertoire from musical theater to pop to classical. Members will have opportunities to participate in competitions and festivals and to collaborate with the AISU Symphony Orchestra and other Salt Lake-area performing groups. Experiences will also be related to personal development. Audition required.

GROUP VOICE

0.25 Credit—Grades 9-12 (AE)

Trimester only

Want to explore voice? Develop healthy vocal technique in a low-pressure group setting and learn how to prepare for successful auditions. Students will perform in a variety of styles (musical theater, pop, classical) and sing for each other (as they are comfortable), receiving personalized feedback from the instructor and their peers. No experience required. 10 student maximum.

AISU STRING ORCHESTRA

1.0 Credit—Grades 6-12 (AE)

String Orchestra is a performance group open to students who have an interest in beginning the violin, viola, cello, or double bass. Emphasis will be placed on basic orchestral and ensemble playing techniques and music reading. Students will occasionally be required to attend rehearsals and performances outside the regular school day.

AISU PHILHARMONIA (Intermediate Full Orchestra)

1.0 Credit—Grades 6-12 (AE)

Prerequisite: Audition required or successful completion of AISU String Orchestra

The AISU Philharmonia is a performance group open to wind, brass, string, and percussion students who have intermediate-level proficiency. Emphasis will be placed on advancing orchestral playing techniques, sight-reading, and ensemble skills. Students will occasionally be required to attend rehearsals, performances and participate in sectionals outside the regular school day. This course is required for students wishing to enroll in AISU Symphony Orchestra in future years. Audition required.

AISU SYMPHONIC ORCHESTRA (Advanced Full Orchestra)

1.0 Credit—Grades 6-12 (AE)

Prerequisite: Audition required

The AISU Symphony Orchestra (strings, winds, brass, and percussion) provides more experienced musicians with the opportunity to refine their technique while performing more challenging literature. Full symphonic works will be performed in collaboration with wind and percussion students. Sectionals, rehearsals, festivals, and performances, and other musical opportunities will occur both within and outside the academic day and are integral to the course. This orchestra will collaborate occasionally with the AISU choirs, and members of the orchestra will have the opportunity to perform in the pit for the annual school musical. Members will also be given the opportunity to travel to Disneyland for the Trimester 2 intensive. Audition required.

CONCERT BAND (Beginning Band)

1.0 Credit—Grades 6-12 (AE)

This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a woodwind, brass, or percussion instrument. Study includes the care and cultivation of a beautiful tone, the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have opportunities to experience the spontaneity of improvisation and the creative process of composing. Students will strengthen listening skills and their ability to analyze and evaluate music and music performances. Attention will also be given to relating their music experiences to the time and culture of the pieces they study, as well as to contemporary society.

GROUP GUITAR

0.25 Credit—Grades 6-12 (AE)

Trimester Only

Students in Group Guitar will explore beginning-level fingerings and chord patterns and develop basic guitar technique. Students may progress at an individualized rate, guided by the instructor. Guitar and method book required.

MUSIC APPRECIATION

0.25 Credit—Grades 8-12 (AE)

Trimester Only

From basic musical materials to monumental masterworks, Music Appreciation puts students on the path to more informed and satisfying listening experiences. The student will master musical concepts and vocabulary that are applicable to a broad range of musical styles, situations, and personal musical preferences and passions. No musical background is necessary.

MUSIC THERAPY

0.25 Credit—Grades 9-12 (AE)

Trimester Only

Prerequisite: Background in guitar and/or piano recommended though not required.

Creative arts therapies share a commitment to the “expressive action that engages emotions in a direct and physical way; an ability to generate creative energy as a healing force for mind, body, and spirit; and a belief that the creative imagination can find its way throughout most

perplexing and complex problems and conflicts” (McNiff, 2005). This class will focus on music therapy and music medicine, with a secondary emphasis on the integration of other creative arts therapies including but not limited to art, movement, and theater. In addition to course readings and discussions, students will be instructed in basic guitar and piano fundamentals and expected to feel comfortable performing for an audience on these instruments. Students will also be expected to participate in off-campus observations and community engagement projects on occasional Tuesday and Thursday mornings.

BASIC THEORY

0.25 Credit—Grades 6-12 (AE)

Trimester Only

Beginning music theory lays the groundwork for an exploration of composition/songwriting. Excellent preparation for Music AP. This course is designed for students who seek the opportunity to create original music compositions. In addition to developing compositional abilities, experiences will include the development of skills needed to analyze and evaluate music, continued explorations into music’s relationship with other disciplines and its impact on culture, and development of ability to perform/record/present/discuss original compositions. No prerequisite course is required.

AP MUSIC

1.0 Credit—Grades 9-12 (AE)

Fee: AP Exam fee (Approximately \$92), Purchase of workbook, anthology, and sight singing book required. In total, books may cost around \$120. Other fees may apply toward online ear-training and music theory applications. Prerequisite: Students should already have experience reading written music and playing an instrument or singing.

This course covers fundamental skills needed by professional musicians, and is equivalent to a first semester music theory course in college. Students will develop their abilities to identify scales, chords, structures, harmonies, rhythms, and forms both by ear and by analyzing written music scores. Composition skills will be fostered, including basic counterpoint (writing melody against melody) and four-part vocal writing. A knowledge and framework of the history of

Western music will be developed and students will prepare to take the AP Music Theory Exam.

DANCE I

0.25 Credit—Grades 6-8 (AE)

Trimester Only

Students will come to a greater understanding of the art of dance through a critical and creative exploration of the elements of dance (time, space, and energy). Through the exploration of these elements, along with a variety of various movement styles (Modern, Ballroom, Jazz, and Hip Hop), students will be challenged to increase balance, flexibility, musicality, and full body awareness.

DANCE CONSERVATORY

0.25 Credit—Grades 6-8 (AE)

Prerequisite: Placement Class Required

Students will come to a greater understanding of the art of dance through a critical and creative exploration of the elements of dance (time, space, and energy). Through the exploration of these elements, along with a variety of various movement styles (modern, ballroom, jazz, and hip-hop), students will be challenged to increase balance, flexibility, musicality, and full body awareness. With multiple performing and touring opportunities throughout the school year, AISU’s High School Dance Conservatory is designed to assist the serious dance students with the tools needed to move forward in the fast moving field of 21st century dance.

BALLROOM

0.25 Credit—Grades 9-12 (AE)

Trimester Only

This course will cover the classic and contemporary Ballroom dances such as, but not limited to; Foxtrot, Waltz, Tango, Rumba, Cha-Cha, Swing, Salsa and Hustle. Learning to dance involves repetition as with learning any sport or a musical instrument. Focus on polish, flair and more complicated patterns and combinations will develop as the trimester progresses, after a technical foundation is developed. Ballroom is a wonderful way to make new friends, learn a new skill, and have fun.

ACTING

0.25 Credit—Grades 9-12 (AE)

Trimester Only

Theater I students will develop the ability to recognize and describe the development of theatrical forms, an understanding of the history, traditions, and conventions of the theater. Theater I provides the opportunity for students to develop a sense of intellectual, physical, and emotional comfort as they work collaboratively and cooperatively with other students to approach performance preparation, the creative process, basic acting skills, theater careers and practices, and the process of critiquing and evaluating performances.

INTERMEDIATE ACTING

0.25 Credit—Grades 9-12 (AE)

Prerequisite: Acting

Intermediate Acting is for students who want to take their basic acting experience a step further. Students will delve further into various theatrical forms, the history, traditions, and conventions of the theater while preparing for performance and competition.

MUSICAL THEATER

0.25 Credit—Grades 6-12 (AE)

Trimester Only

Dance or Acting emphasis available
Musical Theatre students will explore the different aspects of the Broadway musical through solo and group performance, choreography, staging and research. Through collaboration with other students and special guest lectures, students will gain an understanding of the history, traditions, and conventions of the Broadway musical

THEATER CONSERVATORY

1.0 Credit—Grades 9-12 (AE)

In this course, students will study theatre as a literary- and performance-based art form and develop an understanding of the processes involved in the creation of theatre. Students will gain insight into the vital role theatre plays in society and obtain a greater understanding of society in relation to themselves as revealed through theatre. Topics may include costume and set design, lighting, and scriptwriting. In addition to the scheduled classes, students will attend

several live theater performances. A lively curiosity and an interest in exploring the power of theater are the only prerequisites for this class.

PERFORMING ARTS ELECTIVE COURSES OFFERED AS INTENSIVES

(Descriptions listed in intensive course list)

VISUAL ARTS

Visual Arts courses are Trimester only courses unless otherwise specified

STUDIO ART I

0.25 Credit—Grades 9-12 (AE)

Studio Art 1 will be an introduction to the elements of art for those who may have never taken any other art class, but will also be a challenge and a new perspective to those already more experienced with art. Students will study many contemporary and historical artists. Students will use a variety of art mediums and have the chance to explore many different styles, and will be able to develop their art skills, as well as be introduced to art theory and contemporary art thinking.

STUDIO ART II

0.25 Credit—Grades 9-12 (AE)

Prerequisite: Studio Art I or teacher approval.
Studio Art 2 will be a continuation of the skills and mindset that was introduced in Studio Art 1. Students will continue to explore art-making in a variety of mediums, and will explore contemporary artists as well as art-history. More skills and techniques will be developed within this course, and we will begin to explore how art can affect positive change in the world.

STUDIO ART III

0.25 Credit—Grades 9-12 (AE)

Prerequisite: Studio Art I and II or teacher approval

Studio Art 3 is a course meant for students who are excited about continuing their learning within 2D art. More advanced drawing and painting projects will be explored and students will have the opportunity to further explore their own personal voice within their art. Students will also be introduced to more abstract thinking and more

complex art techniques within this course. This is a class meant for those students that have completed Studio 1 and 2.

ADVANCED STUDIO

0.25 Credit—9-12 (AE)

Prerequisite: Studio Art 2 or teacher approval. Advanced Studio will be a smaller workshop of students who are passionate about developing their own art-making. Students will have the opportunity to build their own painting panels, and stretch their own large canvases. This will be a class for students who want to develop their own voice and style and work towards a strong body of creative work. Students will be able to explore and work within a medium of their choosing and will find support in submitting work to local and national art shows. Work will be done independently while working within a class theme, and at the end of the trimester, we will put together an art show with the work produced within the course.

ARTS COURSES OFFERED AS INTENSIVES

(Descriptions listed in intensive course list)

PHYSICAL EDUCATION/HEALTH

PE/Health courses are Trimester only courses unless otherwise specified

HEALTH

0.5 Credit—Grades 9-12 (R)

This course is designed to inform students about themselves and their well-being. The course covers such topics as personal hygiene, mental health, relationships, anger management, physical fitness, body systems, substance abuse, STD'S and HIV.

FITNESS FOR LIFE

0.5 Credit—Grades 9-12 (R)

Fitness for Life is a comprehensive program designed to help teens take responsibility for their own activity, fitness, and health and to prepare

them to be physically active and healthy throughout their adult lives. Students will use fitness knowledge to develop and follow a personal fitness plan.

PE PARTICIPATION

0.25 Credit—Grades 9-12 (R)

Can be gained through Group Fitness, Weight Training or Yoga.

PE LIFETIME ACTIVITIES

0.25 Credit—Grades 9-12 (R)

This credit can be earned by taking 2 of the following classes: Yoga, Group Fitness, Weight Training, Conditioning or Lifetime Sports.

YOGA

0.25 Credit—Grades 6-12 (PE Lifetime Activities)

Yoga represents the union of body, mind, and soul and it is also a lot of fun! This class will be influenced by a variety of yoga styles (Ashtanga, Iyengar, Hatha, and Anusara) and will encourage students to develop strength, flexibility, and concentration. We will explore the history and philosophy of yoga as we delve into basic and intermediate level poses. At the end of the course students will feel comfortable to continue their path in yoga and feel confident in a variety of poses. This class is guaranteed to be fun!

GROUP FITNESS

0.25 Credit—Grades 9-12 (PE Participation or Lifetime Activities)

This class will get you in shape while having fun! Students will have the opportunity to participate in and explore pilates, yoga, kickboxing, zumba, step, circuit, spinning, weight lifting and much more! This will be a fun and active way to complete your core PE credit.

WEIGHT TRAINING

0.25 Credit—Grades 9-12 (PE Participation or Lifetime Activities)

Students will be introduced to the fundamental skills of weight training for personal fitness. Emphasis will be placed on proper techniques, training programs, nutrition and the overall benefit of weight training. Students will learn how to build their own individualized weight

training plan and learn how to progress effectively for maximum benefits. All skill levels welcome.

BASIC CONDITIONING

0.25 Credit—Grades 9-12 (PE Lifetime Activities)

Basic Conditioning is a PE elective course designed to help increase knowledge and understanding of basic strength and conditioning techniques and workouts. Students will implement this knowledge into weekly workout sessions that are designed to increase their aerobic and anaerobic capacities. This course is for all athletic abilities and ability level.

ADVANCED CONDITIONING

0.25 Credit—Grades 9-12 (PE Lifetime Activities)

Prerequisite: Basic Conditioning, or teacher approval.

Students will build upon the strength and conditioning principles learned in Basic Conditioning. Students will demonstrate overall knowledge of the weights and exercises, an ability to train safely and properly, and work to develop greater speed and cardiovascular fitness. We will focus on how to create workouts specific to sport goals.

LIFETIME SPORTS

0.25 Credit—Grades 9-12 (PE Lifetime Activities)

This course gives an introduction to skills in a variety of individual wellness and fitness areas. Students will learn and practice sports they can enjoy for life.)

INTRO TO SPORTS TRAINING

0.25 Credit—Grades 9-12 (PEEL)

This course will introduce students to basic principles in the fields of sport medicine and personal training. We will explore various careers within each profession, discuss basic medical terminology, anatomy, injury prevention, rehabilitation techniques, screening and fitness assessments, and how to create workout programs based on patient goals. There will be weekly lab classes where students will work hands-on applying the principles learned in class.

PE COURSES OFFERED AS INTENSIVES (Descriptions listed in intensive course list)

DIRECTED COURSEWORK

Directed Coursework courses are Trimester only courses unless otherwise specified

FINANCIAL LITERACY

0.5 Credit—Grades 11-12 (R)

This course will enable students to implement decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society. At the end of the course students will be informed and prepared to be prudent managers of financial resources, enabling them to achieve long and short term financial goals and security; demonstrate an understanding of personal financial planning and sound money management skills; actively participate in and understand management of personal saving and investments and accept responsibility for and understand personal and societal consequences of financial decisions. Taught through course:

I - ECON: Risking Value

GENERAL ELECTIVE

General Elective courses are Trimester only courses unless otherwise specified

AISU LEADERSHIP SERIES/CREW

0.5 Credit—Grades 9-12

This course focuses primarily on studying the elements and personal traits of good leaders. This course gives *you* the opportunity to develop the habits of making and keeping weekly commitments and effectively budgeting your time. Students develop an academic and personal achievement plan.

YEARBOOK

0.25 Credit—Grades 9-12 (GE)

Calling all individuals who love capturing the moment. We need your help. You will learn about layout, design, photography, video, interviewing, and then it's "go-time." Join our team today!

INTERNATIONAL MENTORING

0.25 Credit—Grades 9-12 (GE)

As students of an international school, we recommend that everyone be involved with the international student program. "International Mentoring" is a class you can sign up for with your friends and it is a leadership elective. The opportunity is to mentor, tutor, serve, and befriend the international students who join us from around the world. This elective is not very demanding. We meet twice a week in class but your main task will be to introduce the international students to the culture in America and the culture at our school. We are looking for fun, outgoing, and enthusiastic students to be part of this leadership program. Please join the International Mentoring team!

AMBASSADORS

0.25 Credit—Grades 9-12 (GE)

Description to come soon.

RELEASE TIME

PARENT RELEASE TIME

No Credit—Grades 9-12

Students are released into the care and supervision of their parent or guardian for the purpose of religious instruction.

WORK RELEASE TIME

No Credit—Grades 11-12 (GE)

Students may be released to work off-campus.