

# COURSE CATALOG

Revisions as of March 2015

## SALT LAKE DISTRICT GRADUATION REQUIREMENTS

Class of 2015 - \_\_\_\_\_ PowerSchool

	Description	Credit Type	Required
1	Language Arts 9	L9	1.00
2	Language Arts 10	L10	1.00
3	Language Arts 11	L11	1.00
4	Language Arts 12	L12	1.00
5	Mathematics	MAA	1.00
7	Science	SCI	2.00
8	Science Applied, Advanced	SAA	1.00
9	Geography	GEO	0.50
10	World Civilization	WCI	0.50
11	United State History	USH	1.00
12	United States Gov't & Citizen	USG	0.50
13	Social Studies Elective	SSE	0.50
14	Fine Arts	FA	1.50
15	Career & Technical Education	CTE	1.00
16	Computer Technology	CT	0.50
17	Financial Literacy	FL	0.50
18	Health	HE	0.50
19	Participation Skills & Fitness	PSF	1.00
20	Lifetime Activities	LA	0.50
21	Elective	ELE	<u>5.50</u>
		<b>Total</b>	<b>24.00</b>

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## **Credits Required**

Language Arts 9-12 Students must complete four credits. (Advanced or Supplemental Courses may be substituted for Language Arts Grade 12. These include AP Literature, AP Language, Concurrent English, Creative Writing, World Language level 3 or higher, Journalism, Literature, Debate, or Business Communication.)

Must complete three credits, including two Foundation courses: Algebra 1 OR Algebra A&B AND Geometry, Algebra 2, Pre-Calculus. The third unit of mathematics may be from the Foundation Courses or from the Applied, advanced or Supplemental Courses (Concurrent Math, Math for Personal Finance, Accounting, Computer Programming, Calculus, Statistics.)

Units of credit from two of the four science areas:

- a) Earth Systems 1.0 (9th grade)
- b) Biological Science 1.0
- c) Chemistry 1.0
- d) Physics 1.0

Plus one from above or an additional qualifying Science elective from Biotechnology.

**\*\*Graduation requirements, including district competencies are subject to change.**

Must complete all of the following:

- (a) Geography for Life .50 (9th grade)
- (b) World Civilizations .50 (10th grade)
- (c) U.S. History 1.0 (11th grade)
- (d) U.S. Gov't & Citizenship .50 (11-12th grade)
- (e) Social Studies elective (9-12th grade)

From any of the following:

- a) Visual Arts
- b) Music
- c) Dance
- d) Theatre

From any of the following:

- a) Agriculture
- b) Business
- c) Family and Consumer Sciences
- d) Health Science and Technology
- e) Information and Technology
- f) Marketing
- g) Technology education
- h) Trade and Technical Education

Adult Roles (1.0)

Must complete all of the following:

- a) P.E. Skills and Fitness 1.0
- b) Lifetime Activities .50 or two years in a graded team sport (.25 for each season)

The Salt Lake District is committed to a policy of NON-DISCRIMINATION toward any person or group of **persons because of race, color, creed, national origin, sex, mental or physical incapacity, or economic** status. Information regarding the grievance procedure to follow for addressing possible discriminatory actions may be obtained from the Salt Lake City School District, 440 East 100 South, 801-578-8599.

#### **Americans with Disabilities Act (ADA)**

In compliance with the ADA, individuals needing special accommodations (including auxiliary communicative aids and services) should notify the ADA coordinator at the Salt Lake City School District, 440 East 100 South, 801-578-8599.

#### **Utah's Colleges and Universities Admissions Standards**

There are three levels of admission requirements among Utah's 10 public colleges and universities:

**Level One.** The University of Utah and Utah State University require students to have taken the courses listed below and to meet a certain combined level of grade point average and standardized test score. Students who have not met the high school curriculum requirements will be admitted on the condition that the deficiency is satisfied within a certain amount of time specified by the university.

#### **SUBJECT**

#### **# YEARS**

- (4) **Language Arts 9, 10, 11, 12** (emphasizing composition/literature)
- (3) **Mathematics** (Select from elementary algebra, geometry, intermediate algebra, trigonometry, college or advanced algebra, or calculus. Students are strongly encouraged to take at least elementary algebra through trigonometry.)
- (3) **Biological/Physical science** (Three years, two of which are required to be taken from Biology, Chemistry, or Physics. One of the sciences must include a laboratory experience.)
- (1) **American History**
- (4) **Additional Courses** (Select from at least two groups: Language Arts, History, Math beyond intermediate algebra, World Languages, Lab Science, Social Science, or Fine Arts.)
- (2) **World language** (The same language taken during grades 7-12: required only at the University of Utah.)

**Level Two.** Weber State University and Southern Utah University have two-tiered admissions policies: university and college tiers. Students who wish to complete a baccalaureate or masters' degree program must apply under the university admission process. Students are strongly recommended to complete the courses listed above.

**Level Three.** Snow College, Dixie State College of, College of Eastern Utah, Utah Valley State College, Salt Lake Community College, Utah College of Applied Technology, Weber State University and Southern Utah University are open admission schools. Students must take the ACT or SAT or a placement exam; the results are used for placement.

#### **Definitions connected with course titles:**

Concurrent Enrollment. A student is enrolled and earns credit at their home school and another educational institution simultaneously. These institutions could include: colleges, applied technology colleges, and universities.

Dual enrollment. A student is enrolled at their home school and another accredited high school, including district technology centers, during the school day.

Honors. Is an advanced course for the student who is willing to read and write more extensively than in a regular or college preparatory course.

Advanced Placement (AP) Curriculum is designed in AP courses to prepare students for the end of year exam. College credit may be awarded to those who successfully demonstrate their mastery of the material.

International Baccalaureate (IB) Curriculum is designed in IB courses to prepare students for the end of year exam. College credit may be awarded to those who successfully demonstrate their mastery of the material.

### **Advisory Period (7, 8, 9, 10, 11, 12)**

(0.0 credit) **Late Start Mondays**

West High School is adding an exciting program to best meet the needs of our diverse population. WHS is implementing an advisory period. "W" period is every late start Monday 8:45 – 8:59 am. It will allow every teacher in the building to meet with a small group of students to help everyone one of them be successful. Attendance is taken every "W" period. This isn't a regular class, but will have many fun activities and is worth the few minutes they get to spend together. We expect every student to attend their assigned "W" period to help build a positive experience with all "W" period class members. Students will have a specific teacher to help them with school, refer them to resources, and have an adult who knows them individually. This program is to help each of our students succeed and graduate from WHS.

## Language Arts / English

**Each student must be able to communicate effectively in school as well as in the community. The skills of** reading, listening, writing, speaking, and presenting are the keys to literacy and to success in a career. Students become confident readers and writers through the use of all of these modes in a variety of combinations and relevant settings. A focus on the processes of writing provides students with the tools to think and communicate effectively. Summer reading assignments for honors classes are found on the website under academics.

### **Language Arts 7 ELP (7)**

(1.0 credit) **30803000**

**Meets Middle School Requirements:** L7

ELP 7<sup>th</sup> Grade Language Arts is for highly motivated, highly skilled students who plan to take rigorous English courses throughout their high school careers in order to pass national and international tests. The class emphasizes critical reading and writing. Students are expected to spend up to an hour per class night reading and working on essays and other assignments.

### **Language Arts 8 ELP (8)**

(1.0 credit) **30808000**

**Meets Middle School Requirements:** L8

This advanced class explores a variety of writers, both of narrative and expository texts. While studying literature and non-fiction, you will improve your writing skills, oral skills, interpretive skills, observational

skills, and reading skills.

### **Language Arts 9**

(1.0 credit) **60801000**

**Prerequisite:** None

**Meets Graduation Requirements:** L9

The ninth grade language arts course connects reading instruction with writing for multiple purposes. The course continues intensive practice and study of informational and literary reading and writing. Students read extensively from a variety of sources, and draft, revise, and edit their own writing. Critical reading and analytical skill development will be emphasized, as well as essay structure and language awareness. You will be encouraged to listen and to share with others and explore both your own and others' ideas at appropriate intervals.

### **Language Arts 9 Honors**

(1.0 credit) **60803000**

**Prerequisite:** Teacher recommendation

**Meets Graduation Requirement:** L9

This is an advanced ninth grade course which offers students the opportunity to read and write functional, informational, and literary texts with emphasis placed on expository writing and critical analysis in preparation for advanced academic programs. This course has greater depth and breadth than is found in the Language Arts 9 course and requires more work and more time from the student. This advanced class explores a variety of writers, both of narrative and expository texts. While studying literature and non-fiction, you will improve your writing, oral, interpretive, observational, and reading skills.

### **Language Arts 10**

(1.0 credit) **60813000**

**Prerequisite:** Placement Based on Reading Skills

**Meets Graduation Requirement:** L10

The tenth grade language arts course continues the intensive practice and study of informational and literary writing. Students refine skills in preparation for reading and writing assessments. Critical reading and analytical skill development will be emphasized, as well as essay structure and language awareness. These skills will be developed in conjunction with the study of short stories, poetry, drama, novels, and non-fiction essays. Each unit will include a mix of activities that require both individual and group learning.

### **Language Arts 10 Honors**

(1.0 credit) **60814000**

**Prerequisite:** Language Arts 9 Honors and completion of summer reading and writing assignment

### **Meets Graduation Requirement:** L10

This is an advanced tenth grade course which offers students the opportunity to read and write functional, informational, and literary texts in preparation for a variety of reading and writing assessments. Critical reading and analytical skill development will be emphasized, as well as essay structure and language awareness. These skills will be developed in conjunction with the study of short stories, poetry, drama, novels, and non-fiction essays. Each unit will include a mix of activities that require both individual and group learning. This course has greater depth and breadth than is found in the Language Arts 10 course and requires more work and more time from the student. **Summer reading required.**

### **Language Arts 11**

1.0 credit) **60826000**

**Prerequisite:** Placement Based on Reading Skills

**Meets Graduation Requirement:** L11

The eleventh grade language arts course continues to emphasize the reading and writing process. In addition, students prepare, plan, deliver, and evaluate formal presentations. This course aims to improve language skills through the study of reading, writing, language, short stories, novels, poetry, drama and non-fiction. Language structure will emphasize using grammatically correct and properly punctuated sentences. This will enable the students to develop writing fluency and skills. Please note that this course deals with adult themes contained in literature. Some texts may contain mature situations or language.

### **Language Arts 11 Honors**

1.0 credit) **60827000**

**Prerequisite:** Language Arts 10 Honors and completion of summer reading and writing assignment

**Meets Graduation Requirement:** L11

This is an advanced eleventh grade course that offers students the opportunity to read and write functional, informational, and literary texts. In addition, students will prepare, plan, deliver, and evaluate formal presentations. This course aims to improve language skills through the study of reading, writing, language, short stories, novels, poetry, drama and non-fiction. Language structure will emphasize using grammatically correct and properly punctuated sentences. This will enable the students to develop writing fluency and skills. Please note that this course deals with adult themes contained in literature. Some texts may contain mature situations or language. This course has greater depth and breadth than is found in the Language Arts 11

course and requires more work and more time from the student. **Summer reading required.**

### Language Arts 12

(1.0 credit) **60839000**

**Prerequisite:** Placement Based on Reading Skills

**Meets Graduation Requirement:** L12

The twelfth grade language arts course continues to develop reading and writing skills as students are introduced to a greater variety of practical and traditional literature. Students also develop investigative and research skills in preparation for post-secondary education or employment. The student will write in grammatically correct and properly punctuated sentences, read, discuss and analyze selections from major literary genres, and follow the writing process to develop writing fluency and skills. Please note that this course deals with adult themes contained in literature. Some texts may contain mature situations or language. The writing process will develop and enhance writing skills of the student.

### AP English Language (11, 12)

(1.0 credit ) **60520000**

**Prerequisite:** Teacher recommendation

**Meets Graduation Requirement:** L12

This is a college-level course in language and composition. It is designed to fine tune the reading abilities of students through an in-depth study of non-fiction prose written in a variety of periods, disciplines, and rhetorical contexts. Course focuses on developing writing skills for a variety of purposes including argumentative, expository, and analytical writing. Writing and reading in this course are to make students aware of writer's purposes, audience expectations, and subjects as well as the way to gain effectiveness in writing. All students are encouraged to take the AP exam.

### AP English Literature (11, 12)

(1.0 credit) **60530000**

**Prerequisite:** Language Arts 11 Honors

**Meets Graduation Requirement:** L12

This is an advanced composition and college prep writing course. This college-level course is a skills-based intensive study of literature and poetry. It is a rigorous course that demands motivation, study time, and follow-through. As a culmination of this course, students are expected to prepare and take the AP Literature and Composition exam in May. In addition, juniors on the IB track will earn 50 percent of the International Baccalaureate Program's oral grade in this course. Students become skilled readers of non-fiction prose - - analyzing the argument in rhetoric. Emphasis on analytical and argumentative writing for college.

### IB English A Literature HL 1 (AP English Literature) (11)

(2.0 credit) **60593000**

**Prerequisite:**

**Meets Graduation Requirement:** L12

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Through the study of a wide range of literature, the IB language A literature course encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works are studied in their literary and cultural context, through close study of individual texts and passages, and by considering a range of critical approaches. The course does not limit the study of works to the products of one culture or the cultures covered by any one language. The study of works in translation is especially important in introducing students, through literature to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language.

### IB English A Literature HL 2 (12)

(1.0 credit) **60593010**

**Prerequisite:**

**Meets Graduation Requirement:** L12

This course is the year students complete the international assessments as described in IB English A Literature HL 1

### English Conc Enroll (English 1010 Concurrent)

(1.0 credit) **60610000**

11th grade Early Grads or 12 grade ONLY!

**Prerequisite:** ACT Reading Score 20+ or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** L12

Students are expected to be active, thoughtful participants, both as speakers and as listeners. This course will fulfill the English requirement for graduation and also the requirements of most colleges and universities. The purpose of this class is to promote critical literacy by teaching the processes of reading, writing, and thinking. The course follows the Salt Lake Community College curriculum. (Check with CTE Department for details, especially regarding FEEs). Students may receive 3 semester hours of SLCC credit.

\*New Students must apply and pay for concurrent registration FEEs by April 1st (Current Year) and must take CPT (College

Placement Test) or ACT by April 4th (Current Year).

## Language Arts – Elective Courses

### Business Communication (12)

(1.0 credit) **60295000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE (This course may be taken by seniors for L12 credit). Business Communications impacts all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, and technological and employment. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with a solid communication base so they are able to communicate effectively.

### Creative Writing I (9, 10, 11, 12)

1.0 credit) **60901000**

**Meets Graduation Requirement:** ELE

This course is designed for any student who desires to focus on creative writing and is willing to experiment using a variety of literary genre. Students will explore their own creative voice through writing practice, role playing, discussion of other student's writing, and published writings. Writing will be shared with the class in an open forum of discussion about the work and how to craft each piece. This is a class for students who are motivated and highly self-disciplined.

### Creative Writing Advanced (11, 12)

(1.0 credit) **60902000**

**Prerequisite:** Creative Writing I or Creative Writing Teacher Permission Required

**Meets Graduation Requirement:** ELE (L12 credit for seniors only)

This course is for those students who seek intense peer/audience criticism and evaluation. Students must be interested in publishing and crafting their work and/or completing longer pieces of literature. They must feel comfortable in their knowledge of form and style in a variety of literary genre. Students accepted into this course will also be involved as staff members in the publication of West Winds, the West High Literary Magazine. We will free ourselves from earlier mental and emotional constraints of our earlier experiences in education to become young adults who are able to know what we think and feel and to express it through essays, fiction, poetry and drama. We will then become better writers by studying and practicing the

craft of good writing using more advanced concepts and ideas.

### **Journalism (9, 10, 11, 12)**

(1.0 credit) **60910000**

**Prerequisite:** Tryout and application process, Journalism Teacher Signature Required

**Meets Graduation Requirement:** ELE (L12 credit for seniors only)

Students will learn the skills necessary to produce and publish the school newspaper, the Red & Black. These skills include but are not limited to: gathering and writing news, editing copy, proofreading and correcting copy, writing headlines, preparing copy for publication, photo journalism, use of the computer to prepare copy for publication, and soliciting and preparing advertising copy.

### **Debate I (9, 10, 11, 12)**

(1.0 credit) **60921000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course is designed to provide students with instruction and a basic understanding of competitive speech and debate events: Policy Debate, Lincoln Douglas debate, Congress, Oration, Spar, Extemporaneous Speaking, Impromptu, Expository Speaking, Storytelling, Declamation, Prose and Poetry, Humorous and Dramatic interpretation, and Extemporaneous Commentary. Students in 7th and 8th grade will join National Junior Forensics League and compete in inter/intra scholastic competitions. Students in 9th-12th grades will compete in inter/intra scholastic competitions and join National Forensics League. This course may be taken repeatedly. Students will learn the fundamentals of public speaking and the art of argumentation. As time permits we will dabble in some high school speech events and/or conduct a mock trial.

### **Debate Advanced (10, 11, 12)**

(1.0 credit) **60922000**

**Prerequisite:** Debate I or Debate Teacher Permission Required

**Meets Graduation Requirement:** ELE (L12 credit for seniors only)

This is an advanced debate course designed to help students further their knowledge and skills in debate and public speaking events. This course is for students participating in inter/intra debate and speaking competitions. Students will join the West High Debate Team. Students wishing to letter in Speech and Debate must register for this class. Course work, practices, and competitions are held after school. Competitions and eligibility are under the auspices of the UHSAA. Participation in competition is required.

### **Current Issues (Debate) (7, 8)**

(.50 credit) **33100000**

**Meets Middle School Requirement:** ELE

(Semester course may be taken for both semesters in the year) Students will learn debate theory, the art of the argument, and public speaking techniques. Events may include, and are not at all limited to: Policy Debate, Lincoln-Douglas Debate, Public Forum Debate, Student Congress, Oratory, Impromptu Speaking, Extemporaneous Speaking, Duo Interp, Dramatic and Humorous Interp and many others. Many political and moral topics are discussed in the classroom and at tournaments in a safe and respectful way. This course is only for middle school aged students.

### **Reading II (9, 10, 11, 12)**

(1.0 credit) **60222000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course enhances critical reading skills by focusing on reading comprehension strategies, fluency, vocabulary building and word recognition. Where appropriate some phonics will be included. Various forms of expository writing will also be a significant component. This course is designed as a learning foundation for graduation from high school.

### **Reading III (10, 11, 12)**

(1.0 credit) **60230000**

**Prerequisite:** Reading II recommended

**Meets Graduation Requirement:** ELE

This course builds on skills and strategies learned in Reading II. Students will be taught to deconstruct and comprehend various forms of expository text. Increased emphasis on writing will enable continued success in higher level academics. This course is designed to fulfill an elective credit and provide students with UBSC preparation and support.

### **Yearbook (10, 11, 12)**

(1.0 credit) **69292000**

**Prerequisite:** Yearbook Advisor Permission Required

**Meets Graduation Requirement:** ELE

Knowledge of the latest technological techniques will be taught using Macintosh computers, such as advanced computer graphics and page design, electronic composition using scanning, Photoshop and Illustrator techniques; lab management including software updating and installation, and networking and server management; journalism skills, and/or photography, including dark room skills. Advanced students will focus on leadership skills, mentoring beginning students; the organization and creative design of the book; submitting of pages to a national publisher, by Internet at

times. As an end product, students will be required to demonstrate how they have applied their technological skills in the publication of the West High Panther yearbook.

## Mathematics

The Math Department policy requires that a student earns a C- or higher average for the year to move on to the next higher level math course.

### **Math Honors ELP 7 (7)**

(1.0 Credit) **31206000**

**Meets Middle School Requirement:** MAT

In 7<sup>th</sup> Grade, instructional time will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers, and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

### **Math Honors ELP 8 (8)**

(1.0 credit) **31306000**

**Meets Middle School Requirements:** MAT

Common Core 8 will be making use of "Integrated Math" and "Reform Math" to teach the concepts presented in class. Further descriptions of these teaching approaches may be obtained on the Internet. (Parents and students are encouraged to examine these approaches so that they will better understand expectations.) In Grade 8, instructional time should focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence and understanding and applying the Pythagorean Theorem.

### **Secondary Mathematics I (9, 10)**

(1.0 credit) **61212000**

**Prerequisite:** Pre-Algebra and Teacher Recommendation

**Meets Graduation Requirements:** MAT

The fundamental purpose of Secondary Math I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and

extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Secondary Math I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **Secondary Mathematics I Honors (9, 10)**

(1.0 credit) **61212200**

**Prerequisite:** Pre-Algebra and Teacher Recommendation

**Meets Graduation Requirements:** MAT

The fundamental purpose of Secondary Math I Honors is to formalize and extend the mathematics that students learned in the middle grades and will also compact the concepts to include part of Secondary Mathematics II. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Secondary Math I Honors uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. Another unit in the course ties together the algebraic and geometric ideas studied. Additionally, several concepts from Secondary Math II will be covered to accelerate learning of students who wish to enroll in the Honors course. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **Secondary Mathematics II (9, 10, 11)**

(1.0 credit) **61212400**

**Prerequisite:** Secondary Math I

**Meets Graduation Requirement:** MAT

The focus of Secondary Math II is on quadratic expressions, equations and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Secondary Math I as organized into 6 critical areas or units. The need for extending the set of rational numbers arises and real 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. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **Secondary Mathematics II Honors (9, 10, 11)**

(1.0 credit) **61212500**

**Prerequisite:** Secondary Math I Honors

**Meets Graduation Requirement:** MAT

Secondary Math II Honors will compact Secondary Math II topics to allow time to cover Pre-Calculus topics. Students who continue in the Honors track will be prepared for Advanced Placement Calculus and IB Math courses. The focus of Secondary Math II Honors is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I as organized into 6 critical areas or units. The need of 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. Additional complex numbers, expanding on probability to include permutations and combination, using probability to make decisions, constructing and studying tangent lines, and additional Pre-Calculus topics. The Mathematical Practice Standards apply throughout each course, and together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **Secondary Math III (10, 11, 12)**

(1.0 credit) **61212600**

**Prerequisite:** Secondary Math II

**Meets Graduation Requirement:** MAT

It is in Secondary Math III that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They 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 triangle. And finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **Secondary Math III Honors (10, 11, 12)**

(1.0 credit) **61212700**

**Prerequisite:** Secondary Math II Honors or Teacher Approval

**Meets Graduation Requirement:** MAT

Students in Secondary Math III will focus on pulling together and applying the accumulations of learning that they have from their previous courses. They will apply methods from probability and statistics, expand their repertoire of functions to include polynomial, rational, and radical functions. They will expand their study of right triangle trigonometry and will bring together all of their experience with functions and geometry to create models and solve contextual problems. Honors students will also use logarithmic and trigonometry functions, build functions from existing functions, extend the domain of trigonometric functions using the unit circle, and prove trigonometric identities. Students completing Secondary Mathematics I, II, and III are prepared for Calculus.

### **Pre-Calculus Honors (11, 12)**

(1.0 credit) **61239200**

**Prerequisite:** Intermediate Algebra

**Meets Graduation Requirement:** MAT

This course uses complex numbers in the study of vectors, polar coordinates, and arithmetic and geometric series, and extends functions to include exponential, polynomial, rational, logarithmic, and trigonometric. Data with two variables will be studied to include regressions equations for these functions. An increased emphasis on transformations of functions will be introduced. Real-world applications will be emphasized with the intent of preparing students to succeed in calculus. Those who successfully complete the course should be comfortable with a wide variety of problem-solving techniques, and their overall mathematical skills will have improved significantly over the course of the year. A graphing calculator is strongly recommended. (May not be offered 15-16 year.)

### **College Prep Math (10, 11, 12)**

(1.0 credit) **61216200**



**Prerequisite:** C grade or higher in both Intermediate Algebra and Geometry

**Meets Graduation Requirement:** MAA

College Prep Math formalizes and extends algebra concepts from Algebra 1 and Algebra 2 to provide students with the algebra skills and understanding which are prerequisite to College Algebra (1050). Students will reason abstractly and quantitatively while solving linear and quadratic equations and linear inequalities. They will efficiently use polynomial and rational expressions and functions, radicals and complex numbers, and exponential and logarithmic expressions and functions to model and solve mathematical problems. They will explore conic sections and represent parabolic data. Throughout this course, students will make sense of problems and persevere in solving them, use tools strategically, and attend to precision.

**Intermediate Algebra Conc Enroll (Math 1010) Concurrent (11, 12)**

Semester (1.25 credit) **61614000**

**Prerequisite:** ACT Math score 20+ or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

This course covers in more depth the basic algebra concepts introduced in Elementary Algebra. This course will fulfill a math requirement for graduation and also the requirement for most colleges and universities. This course will include: linear and quadratic equations, inequities, polynomials, rational expressions, radicals, negative and rational exponents, complex numbers, linear systems, introduction to functions, logarithms and exponential functions. Graphing of functions will be done by hand. Students must have a qualifying placement score. The course follows the Salt Lake Community College curriculum. (Not offered 15-16 school year and after)

**College Prep Math Semester**(Replaces Math 1010)

**Concurrent (11, 12)**

Semester (.50 credit) **61216220**

**Prerequisite:** ACT Math score 20+ or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

This course covers in more depth the basic algebra concepts introduced in Elementary Algebra. This course will fulfill a math requirement for graduation and also the requirement for most colleges and universities. This course will include: linear and quadratic equations, inequities, polynomials, rational expressions, radicals, negative and rational exponents, complex numbers, linear systems, introduction to functions, logarithms and exponential functions. Graphing of functions

will be done by hand. Students must have a qualifying placement score. The course follows the Salt Lake Community College curriculum.

**College Algebra Conc Enroll (Math 1050) Concurrent (11, 12)**

(1.0 credit) **61616200**

**Prerequisite:** ACT Math score 20+ or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

This course continues to explore, in greater depth, standard algebra topics many of which were addressed in Math 1010. Topics will include the following: functions, including polynomial, rational, exponential, and logarithmic; systems of equations, matrices and determinants; partial fraction decomposition; conic and sequences and series.

**Trigonometry Conc Enroll (Math 1060)**

**Concurrent (11, 12)**

(1.0 credit) **61617000**

**Prerequisite:** C or better in Math 1050 or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

Trigonometric functions and their graphs developed using circular and triangular methods including inverses; polar coordinates; and an introduction to vectors.

**AP Calculus AB (11, 12)**

(1.0 credit) **61511000**

**Prerequisite:** Pre-Calculus

**Meets Graduation Requirement:** MAT

This course includes the following topic areas: Functions, graphs, limits, derivatives, and integrals. College credit is available for passing the AP test. The main focus of this course is differential and integral calculus. It includes a rigorous study of limits, and the behavior of functions and their applications. If it moves or changes, calculus can describe it. Students will be studying college level material preparing them for higher math, science, and engineering classes in college. This course sets the foundation for many career fields such as electronics, medical, engineering, chemistry, physics, business, etc. A graphing calculator is required.

**AP Calculus BC (11, 12)**

(1.0 credit) **61512000**

**Prerequisite:** Pre-Calculus

**Meets Graduation Requirement:** MAT

This course includes the topics of Calculus AB and extends the content to include vector value functions, polar curves, and sequence and series applications. The course will be structured to address the BC outline provided by College Board so that students will have

ample practice on all topics they will face on the AP exam. College credit is available for passing the AP test. In this course the student will expand upon concepts studies in AP Calculus AB. In addition, many new topics not covered in AB will be introduced. Real-world applications for this knowledge will be emphasized. A graphing calculator is required.

**AP Statistics (10, 11, 12)**

(1.0 credit) **61501000**

**Prerequisite:** None

**Meets Graduation Requirement:** MAT

The course includes the following topics: Univariate, bivariate, and categorical data patterns and models, and statistical inferences and significance tests. This course covers Statistics from an Advanced Placement perspective with standards set by the College Board. The course is intended to give students a background in the methods of statistical analysis. Concentration will be on the realistic examples and the problems that arise in them. Graphical displays will include boxplots, dotplots, stemplots, histograms, and bar charts. Skills will be developed to effectively communicate statistical methods, results and interpretations. Advanced placement college credit is available for passing the AP test. A graphing calculator is required.

**IB Math Studies SL 2 (11, 12)**

(1.0 credit) **61590200**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematical Studies course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal research involving the collection, analysis, and evaluation of data. The course syllabus focuses on important mathematical topics that are interconnected. The syllabus is organized and structured with the following tenets in mind: placing more emphasis on student understanding of fundamental concepts than on symbolic manipulation and complex manipulation of numbers.

**IB Math Studies SL 2 (Secondary Math III Honors) (11, 12)**

(1.0 credit) **61590200**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematical Studies course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal research involving the collection, analysis, and evaluation of data. The course syllabus focuses on important mathematical topics that are interconnected. The syllabus is organized and structured with the following tenets in mind: placing more emphasis on student understanding of fundamental concepts than on symbolic manipulation and complex manipulation of numbers.

**IB Mathematics SL 2 (11, 12)**

(1.0 credit) **61570200**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematics Standard Level course caters for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way. Students should, wherever possible, apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context.

**IB Mathematics SL 2 (Secondary Math III Honors with Calculus) (11, 12)**

(1.0 credit) **61570200**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematics Standard Level course caters for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way. Students should, wherever possible, apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context.

**IB Mathematics HL 1 (AP Calculus BC) (11)**

(1.0 credit) **61572000**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the first year of a two-year course of study. The IB Mathematics HL course focuses on developing important mathematical concepts in a comprehensible, coherent, and rigorous way. This is achieved by means of a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve problem sets in a variety of meaningful contexts. Development of each topic should feature justification and proof of results. Students embarking on this course should expect to develop insight into mathematical forms and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas. They should also be encouraged to develop the skills needed to continue their mathematical growth in other learning environments. Schools choose from the following options as an area of mathematical concentration: Statistics and Probability; Sets, Relations and Groups, Calculus; and/or Discrete mathematics.

**IB Mathematics HL 2 (Discrete Mathematics) (12)**

(1.0 credit) **61572200**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments as described in IB Mathematics HL 1.

**Mathematics Lab (9, 10, 11, 12)**

(.50 credit) **61838400**

**Prerequisite:** Math teacher recommendation

**Meets Graduation Requirement:** ELE

This course helps students prepare to successfully pass tests required for high school graduation. Students review areas covered on the Utah Basic Skills Competency Test (UBSCT) for Mathematics. Students also review skills and concepts to help them be successful on end-of-level Criterion Reference Tests (CRTs) and learn basic test preparation strategies.

**Secondary Mathematics I CR (10)**

(1.0 credit) **61211400**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** MAT

This is a math class designed for students who failed/struggles with one or more quarters of Secondary Math I. It will also be a support class for Secondary Math II which you must be enrolled in at the time of this class.

**Mathematics of Personal Finance (9, 10, 11, 12)**

(1.0 credit) **61104000**

**Prerequisite:** C grade or higher in both Algebra A and B

**Meets Graduation Requirement:** MAA

Students will learn mathematical and decision-making skills they can apply to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, and citizens. Students will understand the math and principles of money management, savings, investing and retirement planning. Students will learn how to use mathematics for everyday life. They will plan for financial stability by considering monthly, annual and life-long financial goals and budgets by recognizing various factors that affect net income, and by relating financial decisions to personal and societal consequences.

**Accounting I & Accounting II (9, 10, 11, 12)**

(1.0 credit) **65201000 & 65202000**

**Lab fee may be required**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE, MAA

This course develops skills beginning with an understanding of the basic elements and concepts of double entry accounting systems. Skills include understanding the accounting cycle, entering transactions in journals, posting to ledgers, compiling end-of-period worksheets, adjusting and closing entries, statements, reports, completing banking activities and payroll systems.

**Statistics (10, 11, 12)**

(1.0 credit) **61298000**

**Prerequisite:** None

**Meets Graduation Requirement:** MAT

**Mathematics Electives**

Statistics is a branch of mathematics that explores concrete connections with everyday living. Students will develop critical thinking skills with life-long application. Students will gather, graph, examine, compare and interpret data using technology, including graphing calculators or computer statistics software. They will describe data and make informed decisions and predictions based on data. The course includes the following topics: Univariate, bivariate, and categorical data patterns and models, and statistical inferences and significant tests. *A graphing calculator is required.*

**AP Statistics (10, 11, 12)**

(1.0 credit) **61501000**

**Prerequisite:** None

**Meets Graduation Requirement:** MAT

The course includes the following topics: Univariate, bivariate, and categorical data patterns and models, and statistical inferences and significance tests. This course covers Statistics from an Advanced Placement perspective with standards set by the College Board. The course is intended to give students a background in the methods of statistical analysis. Concentration will be on the realistic examples and the problems that arise in them. Graphical displays will include boxplots, dotplots, stemplots, histograms, and bar charts. Skills will be developed to effectively communicate statistical methods, results and interpretations. Advanced placement college credit is available for passing the AP test. A graphing calculator is required.

**Computer Programming I (9, 10, 11, 12)**

(1.0 credit) **65274000**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE, MAA

This is a beginning through intermediate course in computer programming/software engineering and applications. This course introduces students to the fundamentals of computer programming, simple control and data structures, basic operating systems commands, sequential files, arrays, classes, recursive processes, and the use of text files. The students will be introduced to concepts and problem solving skills through a programming language such as Delphi, C++, C#, Java, Python, or VB. Students will learn to design, code and test their own programs.

**Computer Programming II (10, 11, 12)**

(1.0 credit) **65278000**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE, MAA

An advanced class in computer programming and applications. Reviews and builds on the concepts introduced in Database Development and Oracle II. The class introduces students to

dynamic allocation of data, advanced utilization of classes, advanced GUI techniques, and advanced applications of recursion through the application of mathematical concepts.

## Science

Science is a way of knowing, a process for gaining knowledge and understanding the natural world. Scientific habits of mind allow people, in all aspects of their lives, to deal sensibly with problems that often involve evidence, quantitative considerations, logical arguments, and uncertainty. Without the ability to think critically it is difficult to evaluate the complex problems that we face in everyday life.

All students are required to take two (2) years of science during grades 9–12 in order to meet state and district graduation requirements. These must be core courses, as defined in the Utah Secondary Science Core Curriculum. All core science courses are a full year.

**Integrated Science ELP 7 (7)**

(1.0 credit) **32412200**

**Meets Middle School Requirement:** SCI

This is a practical based course which follows the 7<sup>th</sup> Grade Utah State Core Curriculum covering physical, earth and life sciences. The Science Core Curriculum places emphasis on the students gaining and understanding of the nature of science and gaining hands-on experience to develop skills and abilities associated with scientific inquiry.

**Integrated Science ELP 8 (8)**

(1.0 credit) **32413000**

**Meets Middle School Requirement:** SCI

During this year we will cover elements of Physical, Chemical, and Biological Sciences.

**Earth Science (9, 10, 11, 12)**

(1.0 credit) **62100200**

**Prerequisite:** None

**Meets Graduation Requirement:** SCI

This course integrates content from earth, physical, space, and life sciences. Students develop an understanding of interactions and interdependence within and between earth systems and biological systems, atmospheric systems, water systems, geologic systems, energy systems, and space.

**Biology (9, 10, 11, 12)**

(1.0 credit) **62211000**

**Prerequisite:** None

**Meets Graduation Requirement:** SCI

This course includes the topics of cells, heredity, ecology, diversity, and evolution.

Students will explain biological ideas or concepts in their own words, relate them to other topics, and apply them in new contexts.

**Biology Honors (9, 10, 11, 12)**

(1.0 credit) **62411000**

**Prerequisite:** Reading, Writing, Study Skills

**Meets Graduation Requirement:** SCI

This course extends the coverage of topics that include ecosystems, cells, heredity, diversity, organ systems, and evolution. Students examine biological ideas or concepts in greater detail and prepare for enrollment in Advanced Placement Biology.

**AP Biology (10, 11, 12)**

(1.0 credit) **62511000**

**Prerequisite:** Honors Biology

**Meets Graduation Requirement:** SCI

This course provides in-depth coverage of the biological concepts taught in first year university biology courses, and prepares students for the national AP biology exam. The University of Utah laboratory course is strongly recommended.

**IB Biology SL 2 (AP Biology) (11, 12)**

(1.0 credit) **62514220**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the year that students complete international assessments for IB Biology. In the IB Diploma Program Biology course it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. There are four basic biological concepts that run throughout: Structure and Function; Universality versus Diversity; Equilibrium within Systems; Evolution.

**IB Biology HL 1 (AP Biology) (11)**

(1.0 credit) **62514400**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the first year in a two-year course of study. In the IB Diploma Program Biology course it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. There are four basic biological concepts that run throughout: Structure and Function; Universality versus Diversity; Equilibrium within Systems; Evolution.

**IB Biology HL 2 (12)**

(1.0 credit) **62514410**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the year students complete the international assessments as described in IB Biology HL 1.

### **Chemistry (9, 10, 11, 12)**

(1.0 credit) **62221000**

**Prerequisite:** Elementary Algebra

**Meets Graduation Requirement:** SCI

This course includes the topics of atoms, energy, chemical bonds, chemical reactions, and solutions. Students develop an understanding of chemical concepts and determine the relevance of chemistry in their lives.

### **Chemistry Honors (9, 10, 11, 12)**

(1.0 credit) **62421000**

**Prerequisite:** Elementary Algebra

**Meets Graduation Requirement:** SCI

This course provides, in greater detail, a mathematics-based coverage of content that includes atoms, energy, chemical bonds, chemical reactions, and solutions. It provides preparation for enrollment in AP Chemistry.

### **AP Chemistry (10, 11, 12)**

(1.0 credit) **62521000**

**Prerequisite:** Honors Chemistry and Elementary Algebra

**Meets Graduation Requirement:** SCI

This course provides an in-depth, mathematics-intensive coverage of the chemistry concepts that are taught in first year university chemistry courses. It prepares students for the national AP chemistry exam. The University of Utah laboratory course is strongly recommended.

### **IB Chemistry SL 2 (AP Chemistry) (11, 12)**

(1.0 credit) **62522020**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the year students complete the international assessments for IB Chemistry. The IB Diploma Program chemistry course includes the essential principles of the subject, but also, through selection of options, allows teachers some flexibility to tailor the course to meet the needs of their students. Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science, and environmental science, and serves as useful preparation for employment.

### **IB Chemistry HL 1 (AP Chemistry) (11)**

(1.0 credit) **62524000**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the first year of a two-year course of study. The IB Diploma Program chemistry course includes the essential principles of the subject, but also, through selection of options, allows teachers some flexibility to tailor the course to meet the needs of their students. Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science, and environmental science, and serves as useful preparation for employment.

### **IB Chemistry HL 2 (12)**

(1.0 credit) **62524020**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the year students complete the international assessments as described in IB Chemistry HL 1.

### **Physics (9, 10, 11, 12)**

(1.0 credit) **62231000**

**Prerequisite:** Intermediate Algebra, or concurrent enrollment in Intermediate Algebra

**Meets Graduation Requirement:** SCI

This course studies matter, motion, and energy and is developed around systems and the nature to science.

### **Physics Honors (9, 10, 11, 132)**

(1.0 credit) **62431000**

**Prerequisite:** Intermediate Algebra

**Meets Graduation Requirement:** SCI

This course provides an in-depth, mathematics-based study of matter, motion, and energy. The course is designed to extend the general physics course to provide preparation for enrollment in AP Physics.

### **AP Physics B (10, 11, 12)**

(1.0 credit) **62541000**

**Prerequisite:** Intermediate Algebra and Teacher Approval

**Meets Graduation Requirement:** SCI

This course is an extension of the Honors Physics curriculum for advanced math and science students. The course will prepare

students to take the AP Physics B exam, which may award college credit

### **IB Physics SL 2 (11, 12)**

(1.0 credit) **62532220**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This is the year students complete the international assessments. The IB Diploma Program physics course allows students to develop traditional practical skills and techniques and to increase facility in the use of mathematic, which is the language of physics. Both theory and experiments should be undertaken by all students. They should complement one another naturally, as they do in the wider scientific community. It also allows student to develop interpersonal skills, and information and communication technology skills, which are essential in modern scientific endeavor and are important life-enhancing, transferable skills in their own right.

### **IB Physics HL 1 (11)**

(1.0 credit) **62532400**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This is the first year of a two-year course of study. The IB Diploma Program physics course allows students to develop traditional practical skills and techniques and to increase facility in the use of mathematic, which is the language of physics. Both theory and experiments should be undertaken by all students. They should complement one another naturally, as they do in the wider scientific community. It also allows student to develop interpersonal skills, and information and communication technology skills, which are essential in modern scientific endeavor and are important life-enhancing, transferable skills in their own right.

### **IB Physics HL 2 (12)**

(1.0 credit) **62532420**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

This is the year students complete the international assessments as described in IB Physics HL 1.

### **IB Environmental Sci Soc SL 2 (11, 12)**

(1.0 credit) **62223020**

**Prerequisite:**

**Meets Graduation Requirement:** SCI

[IB Environmental Systems and Societies SL 2]

This course is the year students complete the

international assessments. The course is to provide students with a coherent perspective of the interrelationship between environmental systems and societies through scientific explorations.

## Science Electives

These classes may qualify for the third science credit or an elective credit.

### **Physics with Technology (9, 10, 11, 12)** (1.0 credit) 67947000

**Prerequisite:** none

**Meets Graduation Requirement:** CTE, SCI

This course covers the topics of matter, motion, and energy through hands-on, practical applications of the main concepts to mechanical, fluid, thermal, and electrical systems. The curriculum is built around a specific set of laboratory materials. It is for students who desire a background course for future science or technology-related careers.

### **Medical Anatomy & Physiology I (10, 11, 12)** (1.0 credit) 67939000

**Prerequisite:** None

**Meets Graduation Requirement:** CTE, SAA

This course explores medical and health related occupations as well as the study of human structure and function. The course includes field trips, hands-on activities, and guest demonstrations. Areas of study include medical terminology, human biology, disease processes, and career exploration. This is recommended for anyone going into medical or associated fields and is required for the Health Professions Academy.

### **Biotechnology I & II (11, 12)** (1.0 credit) 67928200 & 67928600

**Prerequisite:** none

**Meets Graduation Requirement:** CTE, SAA

Career exploration in biotechnology emphasis on central dogma of biology, DNA techniques, applications in biotech, and bioethics. Topics include forensics and human cloning. Lab work will be included in this course.

### **Biotechnology I (Concurrent) (11, 12)** (1.0 credit) 67929900

**Prerequisite:** ACT Reading 20; ACT Math 18

**Meets Graduation Requirement:** CTE, SAA

Career exploration in biotechnology emphasis on central dogma of biology, DNA techniques, applications in biotech, and bioethics. Topics include forensics and human cloning. Lab work will be included in this course.

### **Biotechnology II (Concurrent) (11, 12)** (1.0 credit) 67929800

**Prerequisite:** Biotech I

**Meets Graduation Requirement:** CTE, SAA

Emphasis on the nature of proteins and various techniques used to purify and analyze. Presentation of industry standards; including good manufacturing and lab practices, quality control, assurance and validation.

### **Astronomy (10, 11, 12)** (1.0 credit) 62271000

**Prerequisite:** None

**Meets Graduation Requirement:** SAA

Students will investigate questions such as: Are we alone in the universe? What do we see in the night sky? What is the life history of a star? What unexpected environments are found in our solar system? How old is the universe and how much older will it get? What does it take to study the stars?

### **Basic Electronics (9, 10, 11, 12)** (1.0 credit) 67259000

**Lab fee may be required**

**Prerequisite:** Elementary Algebra recommended

**Meets Graduation Requirement:** CTE, SAA

This course prepares students to apply technical knowledge and skills to assemble, install, operate, maintain, and repair electrically energized systems, such as residential, commercial, and industrial electric power systems wiring, DC and AC motors, controls, and electrical distribution panels.

## Social Studies

### **Utah Studies ELP 7 (7)** (.50 credit) 33710000

**Meets Middle School Requirement:** Soc Study

This is an ELP semester course in Utah Studies and physical geography that centers on the following themes: Utah's geography, ecosystems, history, people and government. Students will understand the interaction between Utah's geography and its inhabitants, students will understand and appreciate the contributions of Native American Indians, explorers, Utah's pioneers and additional population groups; students will understand the effects of the Great Depression on the people of Utah; students will understand the relationship between government and the people of Utah; students will consider the components of Utah's economy and the diverse ways people make a living.

### **US History ELP 8 (8)** (1.0 credit) 33709000

**Meets Middle School Requirement:** Soc Study

This course is designed as a rigorous survey of American history emphasizing early American history through Reconstruction and the

western movement. We will also integrate current events throughout the year. Students will practice skills that will aid them when they enter IB or AP classes in the future. Students will need to be motivated to work hard, fully participate in class, and practice good study habits. In compliance with the 2004 House Bill 22 that the legislature passed, we will include concepts such as: Obedience to law, understanding the Declaration of Independence and the Constitution of the United States, integrity, service, benefits of the free enterprise system, and other concepts that prepare students to recognize the responsibility of citizenry.

### **Geography for Life (Ancient) (9)** (.50 credit) 63902000

**Prerequisite:** None

**Meets Graduation Requirement:** GEO

This course is designed to introduce students to the physical and cultural patterns of the world. Geographic study includes mapping skills, the interaction between people and their environment, and the political and economic systems that they develop.

### **Geography for Life II (Modern) (9, 10, 11, 12)** (.50 credit) 63910000

**Prerequisite:** Geography for Life I

**Meets Graduation Requirement:** SSE

### **Honors Geography for Life (9, 10, 11, 12)** (.50 credit) 63903000

**Prerequisite:** None

**Meets Graduation Requirement:** GEO

Geography is a study of man's physical, cultural, political and economic environment and their interaction. Map reading and the interpretation of charts and graphs will also be emphasized. Statistics will be understood and utilized. In addition, an understanding of world and local current events through different media sources will be gained. Referral by 8th grade Social Studies teacher and 8th grade writing score required.

### **Honors Geography for Life II (9, 10, 11, 12)** (.50 credit) 63903100

**Prerequisite:** Honors Geography for Life I

**Meets Graduation Requirement:** GEO or SSE

Geography is a study of man's physical, cultural, political and economic environment and their interaction. Map reading and the interpretation of charts and graphs will also be emphasized. Statistics will be understood and utilized. In addition, an understanding of world and local current events through different media sources will be gained. Referral by 8th grade Social Studies teacher and 8th grade writing score required.

### **World Civilizations (Ancient) (9, 10, 11, 12)**

(.50 credit) **63923000**

**Prerequisite:** None

**Meets Graduation Requirement:** WCI

This course studies the increasing interrelationship of the world's peoples. It includes examples of scientific, artistic, religious, and technological aspects of human behavior.

**World Civilizations II (Modern) (9, 10, 11, 12)**

(.50 credit) **63925000**

**Prerequisite:** World Civilizations I

**Meets Graduation Requirement:** SSE

The study of World Civilization continues in this semester course providing a survey from the Renaissance through the Modern Age

**Honors World Civilizations (Ancient) (9, 10, 11, 12)**

(.50 credit) **63926000**

**Prerequisite:** None

**Meets Graduation Requirement:** WCI

The Honors World Civilizations program will study World History in greater depth. Students will grow in such characteristics as ability to analyze ideas, interdependence, venturesomeness, and curiosity.

**Honors World Civilizations II (Modern) (9, 10, 11, 12)**

(.50 credit) **63926100**

**Prerequisite:** Honors World Civilizations I

**Meets Graduation Requirement:** SSE

The Honors World Civilizations program will study World History in greater depth. Students will grow in such characteristics as ability to analyze ideas, interdependence, venturesomeness, and curiosity.

**US History (11, 12)**

(1.0 credit) **63221000**

**Prerequisite:** None

**Meets Graduation Requirement:** USH

This is a course with emphasis on the foundations and development of the United States. First semester topics of study include reconstruction of the South, industrialization of the U.S., the labor movement, imperialism, the Progressive Era, and World War I. Second semester topics include the Roaring Twenties, the Depression, World War II and the Cold War, civil strife in the 1960s, the New Conservatism, and the Clinton era.

**Honors US History (10, 11)**

(1.0 credit) **63421000**

**Prerequisite:** None

**Meets Graduation Requirement:** USH

A survey course which covers American History from the Age of Exploration through Post-World War II events. Key individuals and events, along with major documents, trends and issues are emphasized. Honors students

are expected to maintain the highest standards of attendance, class participation and achievement in class work, homework, quizzes, and tests.

**United States Government & Citizenship (10, 11, 12)**

(.50 credit) **63205000**

**Prerequisite:** None

**Meets Graduation Requirement:** USG

The goal of this course is to foster informed, responsible participation in public life. Students will gain an understanding of major ideas, protections, privileges, structures, and economic systems that affect the lives of U.S. citizens. This course is recommended for seniors.

**AP American History (10, 11, 12)**

(1.0 credit) **63521000**

**Prerequisite:** Referral from current social studies teacher

**Meets Graduation Requirement:** USH

Advanced Placement American History is a college-level course which takes an in-depth and critical look at American History through various points of view and analyses. Students will realize that history is multi-causal as they study the social, political, economic and military history of the U.S. and the effect of each on America-both domestically and internationally. Key individuals and events, along with major documents, trends, and issues are emphasized. Students will also be assessing various historical materials for their interpretations of events and for their relevance and reliability how smaller events fit into the much larger and more complete survey of American History. This course is also to prepare students for the AP American History exam.

**AP European History (11, 12)**

(1.0 credit) **63531000**

**Prerequisite:** Referral from current Social Studies teacher

**Meets Graduation Requirement:** WCI

This college level course focuses on the history of Europe from 1450-1991. Its purpose is to give students in-depth knowledge of European History, and to prepare students for the AP European History exam.

**IB 20<sup>th</sup> Century History SL 2 (11, 12)**

(1.0 credit) **63063420**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This course is the year students complete the international assessments for IB 20th Century History SL. Diploma Program History consists of a standard level (SL) and higher level (HL) core syllabus comprising an in-depth study of

an individual prescribed subject and the selection of two topics. The SL Curriculum encompasses the main developments in 20th century world history. Thus IB Diploma Program history provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic, or social. It invites comparisons between, but not judgments of, different cultures, politics, and societies.

**IB History of Europe M East HL 1 (AP European History) (11)**

(1.0 credit) **63066000**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

[IB History of Europe and the Middle East HL 1 (AP European History)] This course is the first year of a two-year course of study. This is the preparatory course for Level 2, when international assessments are completed. Diploma Program History consists of a standard level (SL) and higher level (HL) core syllabus comprising an in-depth study of an individual prescribed subject and the selection of two topics. The SL Curriculum encompasses the main developments in 20th century world history. At HL students select from a range of optional syllabuses that cover a wider time span encouraging in-depth study of Europe and the Middle East. Thus IB Diploma Program history provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic, or social. It invites comparisons between, but not judgments of, different cultures, politics, and societies.

**IB History of Europe M East HL 2 (12)**

(1.0 credit) **63066020**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

[IB History of Europe and the Middle East HL 2] This course is the year students complete the international assessments as described in IB History of Europe and the Middle East HL 1.

**AP Geography (11, 12)**

(1.0 credit) **63592000**

**Prerequisite:** Referral from current Social Studies teacher

**Meets Graduation Requirement:** GEO

The purpose of the Advanced Placement course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course is also to prepare students for the AP Geography exam.

**IB Geography SL 2 (11, 12)**(1.0 credit) **63591020****Prerequisite:****Meets Graduation Requirement:** GEO

This course is the year students complete the international assessments for IB Geography. Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. It seeks to identify trends and patterns in these interactions and examines the processes behind them. It also investigates the way that people adapt and respond to change and evaluates management strategies associated with such change. Geography describes and helps to explain the similarities and differences between space and places. These may be defined on a variety of scales and from a range of perspectives. The Diploma Program geography course integrates both physical and human geography, and ensures that students acquire elements of both scientific and socio-economic methodologies. This course examines relevant concepts and ideas from a wide variety of places.

**IB Geography HL 1 (AP Human Geography) (11)**(1.0 credit) **63591400****Prerequisite:****Meets Graduation Requirement:** GEO

This course is the first year of a two-year course of study. This is a preparatory course for Level 2, when international assessments are completed. Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. It seeks to identify trends and patterns in these interactions and examines the processes behind them. It also investigates the way that people adapt and respond to

change and evaluates management strategies associated with such change. Geography describes and helps to explain the similarities and differences between space and places. These may be defined on a variety of scales and from a range of perspectives. The Diploma Program geography course integrates both physical and human geography, and ensure that students acquire elements of both scientific and socio-economic methodologies. This course examines relevant concepts and ideas from a wide variety of places.

**IB Geography HL 2 (12)**(1.0 credit) **63591420****Prerequisite:****Meets Graduation Requirement:** GEO

This course is the year students complete the international assessments.

<b>Social Studies Electives</b>
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**Psychology/Sociology (10, 11, 12)**(1.0 credit) **63243000****Meets Graduation Requirement:** SSE

**Psychology** - Understanding psychology can provide useful insights into our own and other people's behavior. The more psychology we study, the more respect we will gain for the complexity and the diversity of human behavior. An introductory course is just one investment in a lifelong process of education about ourselves and others. **Sociology** -The study of culture. Culture is the study of people living in groups. This course provides students with an opportunity to look at the types of social problems experienced by each of us and the society in which we live. It is hoped that by dealing with social issues students will be more aware of the concerns of society and better participants in the democratic process.

**AP Psychology (11, 12)**(1.0 credit) **63535000****Meets Graduation Requirement:** SSE

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students must have a commitment to achieve at college standards. This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. College credit may be earned by passing the AP examination.

**IB Psychology SL 2 (11, 12)**(1.0 credit) **63600020****Prerequisite:** Psychology**Meets Graduation Requirement:** SSE

This course is the year students complete the international assessments for IB Psychology. IB Psychology examines the interaction of biological, cognitive, and sociocultural influences on human behavior thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed, and applied enables students to achieve a greater understanding of themselves and appreciated the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB Psychology.

**IB Psychology HL 1 (AP Psychology) (11)**(1.0 credit) **63601000****Prerequisite:** Psychology**Meets Graduation Requirement:** SSE

This course is the first-year of a two-year course of study. This is a preparatory course for Level 2, when international assessments are completed. IB Psychology examines the interaction of biological, cognitive, and sociocultural influences on human behavior thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed, and applied enables students to achieve a greater understanding of themselves and appreciated the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB Psychology.

**IB Psychology HL 2 (12)**(1.0 credit) **63601020****Prerequisite:** Psychology**Meets Graduation Requirement:** SSE

This course is the year students complete the international assessments.

**IB Theory of Knowledge SL 1 (11)**(.50 credit) **63808000****Prerequisite:****Meets Graduation Requirement:** SSE

This course is the first year of a two-year/two semester course of study. This is a preparatory course for Higher Level (HL) 2, when international assessments are completed. Theory of Knowledge (TOK) is a course about critical thinking and inquiring into the process of knowing, rather than

about learning a specific body of knowledge. It is a core element which all International Baccalaureate Diploma Program candidates undertake. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. A knowledge claim is the assertion that "I/we know X" or "I/we know how to Y", or a statement about knowledge; a knowledge question is an open question about knowledge. A distinction between shared knowledge and personal knowledge is made in the TOK guide. This distinction is intended as a device to help teachers construct their TOK course and to help students.

### **IB Theory of Knowledge HL 2 (12)**

(.50 credit) **63900000**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This is the year students complete the international assessments as described in IB Theory of Knowledge SL 1.

### **IB Approaches to Learning SL 1 (11)**

(.50 credit) **63901200**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This is the first year of a two-year/two semester course of study. The IB Approaches to Learning course, required of those students seeking the International Baccalaureate Career-Related Certificate (IBCC), is designed to introduce students to life skills and to help students operate in a variety of contexts, now and in the future. The Approaches to Learning course should not only develop skills, but attitudes. In the context of the IBCC, the term "attitudes" refers to dispositions or attributes. These are the values that underpin the behavior of people. The Approaches to Learning course aims to develop personal qualities and values as exemplified in the learner profile. Other attributes that should be encouraged by the course include responsibility, perseverance, resilience, self-esteem, and honesty. The aims of Approaches to Learning are for the student to develop: good intellectual habits; practical problem-solving skills; self-awareness; and an appreciation of identity, individual strengths, and develop achievable goals.

### **IB Approaches to Learning HL 2 (12)**

(.50 credit) **63901400**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This is the year students complete the international assessments as described in IB Approaches to Learning SL 1.

### **Survey of Law (11, 12)**

(1.0 credit) **63231000**

**Meets Graduation Requirement:** SSE

Man is governed by law. This course provides students with the opportunity to look at the laws which have an effect on our everyday lives. The use of videotapes which deal with current issues in law. Field trips to the local courts, state legislature and state agencies to see the law at work is an important part of the law experience. Guest speakers usually include local attorneys, politicians, and people involved in important issues dealt with in class.

### **Student Government (7, 8, 9, 10, 11, 12)**

(1.0 credit) **69291000**

**Prerequisite:** Must have been elected to Office in Officially sanctioned School Elections

**Meets Graduation Requirement:** ELE

This class is the student class officers from each grade. This is a time intensive class, which often requires extensive time before, during, and after school.

### **Student Government (12)**

(1.0 credit) **69291100**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirements:** ELE

This class is student senate officers. This class is a time intensive class, which often requires extensive time before, during and after school.

## **World Languages**

As world boundaries continue to open, both physically and communicatively, it becomes even more important that students acquire knowledge and skills to effectively communicate and interact cross-culturally. The goal of world language classes is to provide instruction that gives students the necessary tools so they will have a greater understanding, acceptance and respect for the diversity of world culture.

### **American Sign Language I (7, 8, 9, 10, 11, 12)**

(1.0 credit) **64515000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course focuses on concept development and basic communication. The receptive and expressive aspects of sign language are studied. Various aspects of the deaf/hearing-impaired people's culture are studied.

### **American Sign Language II (8, 9, 10, 11, 12)**

(1.0 credit) **64516000**

**Prerequisite:** American Sign Language I

**Meets Graduation Requirement:** ELE

The course continues the development of receptive and expressive skills learned in American Sign Language I. The student is introduced to the grammatical structure of American Sign Language. The deaf culture is studied more in-depth.

### **American Sign Language III (9, 10, 11, 12)**

(1.0 credit) **64517000**

**Prerequisite:** American Sign Language II

**Meets Graduation Requirement:** ELE

This course provides the student with a more in-depth knowledge of the complexity and use of signing through storytelling and interpreting. Emphasis will be placed on deeper comprehension and stronger literacy skills of the grammatical structure of American Sign Language. The student acquires skills to be an interpreter. Deeper complexities of the deaf culture are studied.

### **Arabic I (7, 8, 9, 10, 11, 12)**

(1.0 credit) **64100000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course focuses on concept development and on basic listening, speaking, reading, and writing skills with emphasis on literacy in oral communication. Students are also introduced to the grammatical structure of the language. The basic elements of Arabic culture are studied.

### **Arabic II (8, 9, 10, 11, 12)**

(1.0 credit) **64102000**

**Prerequisite:** Arabic I

**Meets Graduation Requirement:** ELE

This course continues the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on the comprehension of the grammatical structure of the language. The Arabic culture is studied more in-depth.

### **IB Arabic ab initio SL 1 (11)**

(1.0 credit) **64107000**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the first year of a two year course of study. This is a preparatory course for Level 2, when international assessments are completed. The Arabic ab initio SL course is a two-year series of language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This



process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate.

**IB Arabic ab initio SL 2 (12)**

(1.0 credit) **64107020**

**Prerequisite:** Arabic II

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Arabic ab initio SL 1.

**IB Arabic B SL 2 (11, 12)**

(1.0 credit) **64107220**

**Prerequisite:** Arabic II

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Arabic B SL 1. Arabic B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills an intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Arabic B HL 1 (11)**

(1.0 credit) **64107400**

**Prerequisite:** Arabic II

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Arabic B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends

from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills an intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Arabic B HL 2 (12)**

(1.0 credit) **64107420**

**Prerequisite:** Arabic II

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Arabic B HL 1.

**French I (7, 8, 9, 10, 11, 12)**

(1.0 credit) **64211000, 34217000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course focuses on concept development, and on basic listening, speaking, reading, and writing skills with emphasis on literacy in oral communication. Students are also introduced to the grammatical structure of the language. The cultures of various French-speaking countries are studied.

**French II (8, 9, 10, 11, 12)**

(1.0 credit) **64212000, 34218000**

**Prerequisite:** French I

**Meets Graduation Requirement:** ELE

The course continues the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on the comprehension of the grammatical structure of the language. The cultures of various French-speaking countries are studied more in-depth.

**French III (9, 10, 11, 12)**

(1.0 credit) **64213000**

**Prerequisite:** French II

**Meets Graduation Requirement:** ELE

This course focuses on developing more comprehensive skills in conceptual development, thinking, speaking, reading, and writing. Emphasis is placed on literacy in reading and writing and oral proficiency. The cultures of French-speaking countries are studied more comprehensively.

**French IV (10, 11, 12)**

(1.0 credit) **64214000**

**Prerequisite:** French III

**Meets Graduation Requirement:** ELE

This is a course of advanced study in all areas of language proficiency with an emphasis on higher-level speaking and writing skills. Students develop skills in understanding challenging authentic media, i.e. television,

radio, and video. The complexities of French-speaking cultures' patterns of interaction are compared and contrasted with the students' patterns of interaction.

**AP French (11, 12)**

(1.0 credit) **64215800**

**Prerequisite:** French IV

**Meets Graduation Requirement:** ELE

This is a very advanced and highly demanding course. Emphasis is placed on the students' degrees of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, and oral and written discourse.

**IB French ab initio SL 2 (12)**

(1.0 credit) **64217020**

**Prerequisite:** French IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB French ab initio SL 1. The French ab initio SL course is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive and interactive skills, students should be able to communicate.

**IB French B SL 2 (AP French Language) (11, 12)**

(1.0 credit) **64217220**

**Prerequisite:** French IV or AP French

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB French B SL 1. French B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and

are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB French B HL 1 (AP French Language) (11)**  
(1.0 credit) **64217400**

**Prerequisite:** French IV or AP French

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. French B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB French B HL 2 (12)**  
(1.0 credit) **64217420**

**Prerequisite:** French IV or AP French

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB French B HL 1.

**German I (7, 8, 9, 10, 11, 12)**  
(1.0 credit) **64221000, 34227000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course focuses on concept development, and on basic listening, speaking, reading, and writing skills with emphasis on literacy in oral communication. Students are also introduced to the grammatical structure of the German language and the cultures of German-speaking peoples.

**German II (8, 9, 10, 11, 12)**  
(1.0 credit) **64222000, 34228000**

**Prerequisite:** German I

**Meets Graduation Requirement:** ELE

This course continues the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on the comprehension of the grammatical structure

of the language and the German culture is studied more in-depth.

**German III (9, 10, 11, 12)**

(1.0 credit) **64223000**

**Prerequisite:** German II

**Meets Graduation Requirement:** ELE

The course focuses on developing more comprehensive skills in conceptual development, thinking, speaking, reading, and writing. Emphasis is placed strongly on literacy in reading, writing, and oral proficiency and the German culture is studied more comprehensively.

**German IV (10, 11, 12)**

(1.0 credit) **64224000**

**Prerequisite:** German III

**Meets Graduation Requirement:** ELE (Honors Credit)

This is a course of advanced study in all areas of language proficiency with an emphasis on critical thinking, speaking, and writing skills. Students develop skills in understanding challenging authentic media, i.e. television, radio, and video. The complexities of German-speaking cultures' patterns of interaction are compared and contrasted with the students' patterns of interaction.

**AP German (11, 12)**

(1.0 credit) **64226100**

**Prerequisite:** German IV

**Meets Graduation Requirement:** ELE (Honors Credit)

This is a very advanced and highly demanding course. Emphasis is placed on the students' degrees of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, and oral and written discourse.

**IB German ab initio SL 2 (12)**

(1.0 credit) **64227020**

**Prerequisite:** German IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB German ab initio SL 1. The German ab initio SL course is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the

development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate.

**IB German B SL 2 (AP German Language) (11, 12)**

(1.0 credit) **64227220**

**Prerequisite:** German IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB German B SL 1. German B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB German B HL 1 (AP German Language) (11)**  
(1.0 credit) **64227400**

**Prerequisite:** German IV

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. German B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB German B HL 2 (12)**

(1.0 credit) **64227420**

**Prerequisite:** German IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB German B HL 1.

**Spanish I (7, 8, 9, 10, 11, 12)**  
(1.0 credit) **64251000, 34257000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course focuses on concept development, and on basic listening, speaking, reading, and writing skills with emphasis on literacy in oral communication. Students are also introduced to the grammatical structure of the language. The cultures of various Spanish-speaking countries are studied.

**Spanish II (8, 9, 10, 11, 12)**  
(1.0 credit) **64252000, 34258000**

**Prerequisite:** Spanish I

**Meets Graduation Requirement:** ELE

This course continues the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on the comprehension of the grammatical structure of the language. The cultures of Spanish-speaking countries are studied more in-depth.

**Spanish III (9, 10, 11, 12)**  
(1.0 credit) **64253000**

**Prerequisite:** Spanish II

**Meets Graduation Requirement:** ELE

The course focuses on developing more comprehensive skills in conceptual development, thinking, speaking, reading and writing. Emphasis is placed on literacy in reading and writing and oral proficiency. The cultures of Spanish-speaking countries are studied more comprehensively.

**Spanish IV (10, 11, 12)**  
(1.0 credit) **64254000**

**Prerequisite:** Spanish III

**Meets Graduation Requirement:** ELE (Honors Credit)

This is a course of advanced study in all areas of language proficiency with an emphasis on critical thinking, speaking, reading, and writing. Students develop skills in understanding challenging authentic media, i.e. television, radio, and video. The complexities of Spanish-speaking cultures' patterns of interaction are compared and contrasted with the students' patterns of interaction.

**Spanish for Native Speakers I (9, 10, 11, 12)**  
(1.0 credit) **64521000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This class is designed for students whose first language is Spanish and who wish to develop literacy skills in Spanish. The course focuses on

grammar, reading, writing, vocabulary, and culture. Students develop a greater appreciation of the Spanish language and identity. The class is taught entirely in Spanish. A modified oral proficiency interview is administered during the first week of class.

**Spanish for Native Speakers II (9, 10, 11, 12\_)**  
(1.0 credit) **64522000**

**Prerequisite:** Spanish for Native Speakers I

**Meets Graduation Requirement:** ELE

The course continues the development of listening and speaking comprehension with greater emphasis on literacy skills in Spanish. This course continues its focus on grammar, reading, writing, and vocabulary. Spanish-speaking cultures are studied more in-depth. The class is taught entirely in Spanish.

**Conversation Spanish (9, 10, 11, 12)**  
(1.0 credit) **64255500**

**Prerequisite:** Spanish III or Teacher Recommendation

**Meets Graduation Requirement:** ELE

This is an Intermediate level course. Students in the class will have completed Spanish III or an equivalent. The class will focus on the development of the student's communicative competence in Spanish and their understanding of the cultures of Spanish-speaking countries. Communicative competence includes: speaking and listening, where students learn to communicate and dialogue with others; reading and writing, where "use" of the language is practiced and developed. An important component of this class is the use of the Spanish language beyond the classroom in order to apply knowledge of the language in the real world. The student will exchange simple spoken and written information in Spanish. The student will demonstrate the skills necessary to sustain brief oral and written exchanges in Spanish using familiar phrases and sentences. The student will be able to converse and write on a variety of topics of general and specific interest. The student should be able to talk for 5 minutes and write about 200+ words. The student will develop and/or expand an awareness of perspectives, practices and products of the cultures of Spanish speaking countries.

**AP Spanish (11, 12)**  
(1.0 credit) **64511000**

**Prerequisite:** Spanish IV or Spanish for Native Speakers II

**Meets Graduation Requirement:** ELE (Honors Credit)

This is an advanced and highly demanding course. Emphasis is placed on the students' degrees of proficiency in comprehension, fluency, grammatical structure, syntactical and

production patterns, and oral and written discourse.

**IB Spanish ab initio SL 2 (12)**  
(1.0 credit) **64513020**

**Prerequisite:** Spanish IV or Teacher Recommendation

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Spanish ab initio SL 1. The Spanish ab initio SL course is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate.

**IB Spanish B SL 2 (AP Spanish Language) (11, 12)**

(1.0 credit) **64513220**

**Prerequisite:** Spanish IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Spanish B SL 1. Spanish B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Spanish B HL 1 (AP Spanish Language) (11)**  
(1.0 credit) **64513400**

**Prerequisite:** Spanish IV

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Spanish B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

#### **IB Spanish B HL 2 (12)**

(1.0 credit) **64513420**

**Prerequisite:** Spanish IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Spanish B HL 1.

#### **Mandarin Chinese I (7, 8, 9, 10, 11, 12)**

(1.0 credit) **64531000, 34230000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course focuses on concept development and on basic listening, speaking, reading, and writing skills with emphasis on literacy in oral communication. Students are also introduced to the grammatical structure of the language. The basic elements of Chinese culture are studied.

#### **Mandarin Chinese II (8, 9, 10, 11, 12)**

(1.0 credit) **64532000, 34232000**

**Prerequisite:** Chinese I

**Meets Graduation Requirement:** ELE

This course continues the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on the comprehension of the grammatical structure of the language. The Chinese culture is studied more in-depth.

#### **Mandarin Chinese III (9, 10, 11, 12)**

(1.0 credit) **64534000**

**Prerequisite:** Chinese II

**Meets Graduation Requirement:** ELE

The course focuses on developing more comprehensive skills in conceptual development, thinking, speaking, reading and writing. Emphasis is placed on literacy in reading and writing and oral proficiency. The

cultures of Chinese-speaking countries are studied more comprehensively.

#### **Mandarin Chinese IV (10, 11, 12)**

(1.0 credit) **64535000**

**Prerequisite:** Chinese III

**Meets Graduation Requirement:** ELE

This is an advanced and highly demanding course. Emphasis is placed on the students' degrees of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, and oral and written discourse.

#### **AP Mandarin Chinese (11, 12)**

(1.0 credit) **64537000**

**Prerequisite:** Chinese IV

**Meets Graduation Requirement:** ELE

This is an advanced and highly demanding course. Emphasis is placed on the students' degrees of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, and oral and written discourse. This course prepares students to take the AP and/or the IB test.

#### **IB Chinese ab initio SL 2 (12)**

(1.0 credit) **64537820**

**Prerequisite:** Chinese IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Chinese ab initio SL 1. The Chinese ab initio is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learning to go beyond the confines of the classroom, expanding an awareness of the world, and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: individual and society, leisure and work, and urban and rural environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate and pass the IB administered exam.

#### **IB Chinese B SL 2 (AP Chinese Language) (11, 12)**

(1.0 credit) **64538020**

**Prerequisite:** Chinese IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Chinese SL 1. Chinese B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

#### **IB Chinese B HL 1 (AP Chinese Language) (11)**

(1.0 credit) **64538200**

**Prerequisite:** Chinese IV

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Chinese B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

#### **IB Chinese B HL 2 (12)**

(1.0 credit) **64538220**

**Prerequisite:** Chinese IV

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Chinese B HL 1.

## Fine Arts

All students deserve access to the rich education and understanding provided by the arts. As students create dances, theatrical productions, visual art works, and music, they learn how to express themselves and how to communicate with others. All fine arts courses study the principal periods of art history and

the artists most closely associated with each of the periods. They also develop skills for analyzing and evaluating works of art and cultivate observation skills vital to looking at and discussing aesthetics. **Material fees may be required for Fine Arts courses.**

## Performing Fine Arts

### DRAMA

**Theatre Foundations I (7, 8, 9, 10, 11, 12)**  
(.50 credit) **66111000**

**Prerequisite:** None

**Meets Graduation Requirement:** FA

This course introduces students to the history of theater and the role of the actor in interpreting dramatic literature, performance, theory, and techniques. Students have experiences with pantomime, voice, interpretations, movement, acting, improvisation, scene memorization, costumes, and make-up.

**Theatre Foundations II (7, 8, 9, 10, 11, 12)**  
(.50 credit) **66112000**

**Prerequisite:** Theatre Foundations I

**Meets Graduation Requirement:** FA

This course builds on the basic theatre concepts of Theatre Foundations I by comparing and integrating theatre elements with other art forms. Students have the opportunity to analyze and critique performances.

**Theatre Foundations III (8, 9, 10, 11, 12)**  
(.50 credit) **66113000**

**Prerequisite:** Theatre Foundations II

**Meets Graduation Requirement:** FA or LA12 (for seniors only)

This course adds to Theatre Foundations I and II concepts of character motivation through movement and voice and projections of mood and feelings. Students study design concepts of visualization and technology, script research, variety in art forms, and assess performance effectiveness.

**Theatre Foundations IV (8, 9, 10, 11, 12)**  
(.50 credit) **66114000**

**Prerequisite:** Theatre Foundations III

**Meets Graduation Requirement:** FA or L12 (for seniors only)

This course fosters and refines all the basic concepts in theatre taught in Theatre Foundations I-III.

**IB Theatre SL 1 (11)**  
(1.0 credit) **66531000**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Program theatre course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre, and will find expression through work shopping, devised work or scripted performance. Students will come to understand that the act of imagining, creating, presenting and critically reflecting on theatre in its past and present contexts embodies the individual and social need to investigate and find explanations for the world around us.

**IB Theatre SL 2 (12)**  
(1.0 credit) **66531020**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year students complete the international assessments as described in IB Theatre SL 1.

**IB Theatre HL 1 (11)**  
(1.0 credit) **66531200**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Program theatre course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre, and will find expression through work shopping, devised work or scripted performance. Students will come to understand that the act of imagining, creating, presenting and critically reflecting on theatre in its past and present contexts embodies the individual and social need to investigate and find explanations for the world around us.

**IB Theatre HL 2 (12)**  
(1.0 credit) **66531220**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year students complete the international assessments as described in IB Theatre SL 1.

### INSTRUMENTAL MUSIC

**Band I (7, 8, 9, 10, 11, 12)**

**Prerequisite:** None, no musical experience required

**Meets Graduation Requirement:** FA

In Band I courses students learn to play woodwind, brass or percussion instruments. The following courses meet Band I standards:

**Concert Band**

(1.0 credit) **66233000**

**Percussion Ensemble**

(1.0 credit) **66261000**

**Steel Drum Band**

(1.0 credit) **66268000**

**Steel Drum Band Advanced**

(1.0 credit) **66269000**

**Jazz Band**

(1.0 credit) **66234000**

**Band III (7, 8, 9, 10, 11, 12)**

**Prerequisite:** Band II or audition

**Meets Graduation Requirement:** FA

In Band III courses students have additional opportunities to refine musical expression through instrumental performance, analytical and evaluative skills, and aesthetic judgment.

The following courses meet Band III standards:

**Symphonic Band – Wind Ensemble**

(1.0 credit) **66235000**

**Orchestra II (7, 8, 9, 10, 11, 12)**

**Prerequisite:** String Orchestra or audition

**Meets Graduation Requirement:** FA

In Orchestra II, students increase fluency in playing orchestral string instruments. Students perform and analyze music. The following course satisfies Orchestra II standards:

**Symphony Orchestra**

(1.0 credit) **66266000**

**Guitar I (7, 8, 9, 10, 11, 12)**

(.50 credit) **66902000**

**Prerequisite:** None

**Meets Graduation Requirement:** FA

In this course students learn the fundamental techniques of playing guitar. This course includes experiences in creating, playing, and listening to music representative of a variety of cultures.

### CHORAL MUSIC

**Choir II (7, 8, 9, 10, 11, 12)**

**Prerequisite:** None

**Meets Graduation Requirement:** FA

In Choir II courses students sing in a chorale ensemble, develop vocal skills, and learn to read music. Students also strengthen listening skills and the ability to analyze and evaluate music and music performances. The following courses meet Choir II standards:

**Chorus** All voices, no audition

(1.0 credit) **66240000**

**Junior Choir** All voices, no audition

(1.0 credit) **66245000**

**Choir III (10, 11, 12)**

**Prerequisite:** Auditions

**Meets Graduation Requirement:** FA

In Choir III courses students refine their musical ability and aesthetic understanding through singing in a choral ensemble. Study emphasizes reading music with fluency and polishing performance skills. The following courses meet Choir III standards:

**A'Capella** By audition, all voices  
(1.0 credit) **66117000**

**Chorale** By audition, all voices  
(1.0 credit) **66246000**

**AP Music Theory (11, 12)**

(1.0 credit) **66546000**

**Prerequisite:** None

**Meets Graduation Requirement:** FA

The AP/IB Music class is for advanced instrumental and vocal music students. This class will prepare students to take the Advanced Placement exam. The class will focus on the following areas: 1. Music in Western society from 1550 - present, non-Western cultures (India, Middle East, Africa, Pacific Rim, and Native Americans) 2. Musical notation and acoustics 3. Performance 4. Theory and composition.

**IB Music Theory SL 2 (AP Music Theory) (11, 12)**

(1.0 credit) **66547020**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** FA

This is the year students complete the international assessments. The Diploma Program music course provides an appropriate foundation for further study in music at university level or in music career pathways. It also provides an enriching and valuable course of study for students who may pursue other careers. This course also provides all students with the opportunity to engage in the world of music as lifelong participants. Students at the standard level can choose to focus on one of three areas: Group Performance, Solo Performance, or Creating.

**IB Music Theory HL 2 (AP Music Theory) (12)**

(1.0 credit) **66547220**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** FA

This is the year students complete the international assessments. The Diploma Program music course provides an appropriate foundation for further study in music at university level or in music career pathways. It also provides an enriching and valuable course of study for students who may pursue other careers. This course also provides all students with the

opportunity to engage in the world of music as lifelong participants. Students at the standard level can choose to focus on one of three areas: Group Performance, Solo Performance, or Creating. Students at the higher level are required to focus on both Solo Performance and Creating.

## DANCE

Dance is a universal language; it is an expressive and vibrant art with the capacity to unify the physical, mental, social, emotional, aesthetic, and spiritual nature of humankind.

**Dance IA (7, 8, 9, 10, 11, 12)**

(.50 credit) **66105000**

**Prerequisite:** None

**Meets Graduation Requirement:** FA, LA

This beginning level dance course develops dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**Dance IB (7, 8, 9, 10, 11, 12)**

(.50 credit) **66106000**

**Prerequisite:** Dance IA or audition

**Meets Graduation Requirement:** FA

This dance course develops the core concepts taught in Dance IA.

**Dance IIA (8, 9, 10, 11, 12)**

(.50 credit) **66107000**

**Prerequisite:** Dance IB or audition

**Meets Graduation Requirement:** FA

This intermediate level dance course builds dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**Dance IIB (8, 9, 10, 11, 12)**

(.50 credit) **66108000**

**Prerequisite:** Dance IIA or audition

**Meets Graduation Requirement:** FA

This intermediate level dance course builds on the core standards and objectives presented in Dance IIA.

**Dance IIIA (9, 10, 11, 12)**

(.50 credit) **66109000**

**Prerequisite:** Dance IIB or audition

**Meets Graduation Requirement:** FA

This advanced-level dance course strengthens dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**Dance IIIB (9, 10, 11, 12)**

(.50 credit) **66110000**

**Prerequisite:** Dance IIIA or audition

**Meets Graduation Requirement:** FA

This advanced level dance course extends the core standards and objectives presented in Dance IIIA.

**Dance Company (9, 10, 11, 12)**

(1.0 credit) **66285000**

**Prerequisite:** Membership is by audition

**Meets Graduation Requirement:** FA

This performance dance course refines dance knowledge and skills in technique, improvisation, choreography, artistic expression, history, culture, and makes connections to other curricular areas. Rehearsals and performances outside of class time are required.

**IB Dance SL 2 (11, 12)**

(1.0 credit) **66287020**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year the students complete international assessments. The IB Diploma Program dance curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures-- past, present, and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, or those, more broadly, who seek life enrichment through dance.

**IB Dance HL 1 (11)**

(1.0 credit) **66287200**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Program Dance curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures-- past, present, and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, or those, more

broadly, who seek life enrichment through dance.

**IB Dance HL 2 (12)**  
(1.0 credit) **66287220**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year the students complete the International assessments as described in IB Dance HL 1.

## Visual Fine Arts

**AP Studio Art (10, 11, 12)**  
(1.0 credit) **66209100**

**Lab fees required**

**Prerequisite:** Teacher recommendation

**Meets Graduation Requirement:** FA

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. The AP Studio Art exam is based on a portfolio submitted by the student for evaluation at the end of the school year.

**AP Art Studio 3D (11, 12)**  
(1.0 credit) **66209300**

**Prerequisite:** Ceramics I & II

**Meets Graduation Requirement:** FA, ELE

This course will encourage creative and systematic investigation of formal and conceptual issues in 3D Design. Students will demonstrate abilities & versatility with techniques, problem solving, and ideation; develop mastery in concept, composition and execution. Students are encouraged to complete the AP portfolio.

**AP Art History (11, 12)**  
(1.0 credit) **66060000**

**Prerequisite:** Art History & Criticism, or Honors Humanities

**Meets Graduation Requirement:** FA

This is a course in Art History as taught at the Introductory University Level. It is not all-inclusive, but does serve as a base for further studies in the discipline. The course will cover a majority of Western art. Further it will cover the art of Japan, China, Africa, Oceania and America. We have ready examples of these civilizations in our local museum and will travel to San Francisco and other cities to view further examples. Students will gain an understanding of how art is the progeny of the various societies that created them. We will also look at the criticisms of each period both within the era and from critics of later eras.

**Honors Humanities (10, 11, 12)**  
(1.0 credit) **66905000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE or FA

This Humanities (Philosophy, Literature, Visual Arts, Music, and Theater) course will help students explore the ways men and women make and find meaning in life.

## VISUAL ARTS

**Art I (7, 8)**

(.50 credit) **36211000**

**Lab fees required**

**Prerequisite:** None

**Meets Middle School Graduation Requirement:** FA

This course is designed to provide a basic foundation in art fundamentals. The curriculum will give the student a working knowledge of the elements and principles of art. This course will emphasize hands-on working experience in drawing, composition, and design. **This course is a state core curriculum course.**

**Art II (7, 8)**

(.50 credit) **36212000**

**Lab fees required**

**Prerequisite:** None

**Meets Middle School Graduation Requirement:** FA

This course provides a basic foundation in art fundamentals. Students explore the elements and analyze the relationship of art principles. The course will emphasize hands-on experience in drawing, composition, and design. It is recommended students take this course before drawing and painting classes.

**Advanced Art (8)**

(1.0 credit) **36213000**

**Lab fees required**

**Prerequisite:** None

**Meets Middle School Graduation Requirement:** FA

This course is designed to provide a basic foundation in art fundamentals. The curriculum will give the student a working knowledge of the elements and principles of art. This course will emphasize hands-on working experience in drawing, composition, and design. **This course is a state core curriculum course.**

**3-D Design (9, 10, 11, 12)**

(.50 credit) **66100000**

**Prerequisite:** None

**Meets Graduation Requirement:** FA

An introduction to crafts that will give students the opportunity to practice weaving, braiding, rug-hooking, basket weaving, beading, paper-mache, leather work and other craft skills. Fine arts credit is available for this class. It does not

replace Design and Visual Communications which is pre-requisite for all level 2 art classes at West High.

**Design and Visual Communication (9, 10, 11, 12)**

(1.0 credit) **67421000**

**Lab fees required**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE, FA

DVC is our foundation level course which introduces students to creating artwork and understanding different skills, materials and principles of design. As a CTE course, this class is also a program in the applied visual arts that focuses on the general principles and techniques for effectively communicating ideas and information, including packaging products, in digital and other formats to business and consumer audiences, and that may prepare individuals in any of the applied art media.

**Visual Communication: Commercial & Advertising Art (10, 11, 12)**

(1.0 credit) **67423000**

**Lab fees required**

**Prerequisite:** Design and Visual Communications

**Meets Graduation Requirement:** CTE, FA

This course in applied visual communication teaches students to use artistic techniques to effectively communicate ideas and information to businesses and consumer audiences via illustrations, as well as digital and printed media. Instruction includes a broad range of media including: concept design, layout, drawing, cartooning, painting, collage, computer graphics and various printing techniques.

**Visual Communication: Industrial Design (10, 11, 12)**

(1.0 credit) **67422000**

**Lab fees required**

**Prerequisite:** Design and Visual Communications

**Meets Graduation Requirement:** CTE or FA

This is a course in applied visual communication that teaches students artistic techniques in three dimensional design and fabrication processes. Products that are functional, creative, and consumer oriented will be encouraged. Students will work with basic model making tools, small metals fabrication, and casting.

**Drawing / Painting (10, 11, 12)**

(1.0 credit) **66099000 / 66208000**

**Lab fees required**

**Prerequisite:** Art II or Design and Visual Com.

**Meets Graduation Requirement:** FA

Drawing and painting are the foundation skills of making art. This class provides a range of experiences in the basic mediums for beginning and intermediate students. Students will experiment with drawing materials, paint, color, and mixing techniques. The purpose of the course is to train the hand and eye to see and record what is observed.

**Intro to Drawing Concurrent Enroll (11, 12)**  
(1.0 credit) **66554000**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** FA

This course is a more in depth study of drawing. Students practice and perfect the training of hand and eye to see and record observations.

## CERAMICS & SCULPTURE

**Ceramics I / Studio Art Ceramics I (9, 10, 11, 12)**

(1.0 credit) **66041000 / 66403100**

**Lab fees required**

**Prerequisite:** Advanced Art or Design and Visual Com.

**Meets Graduation Requirement:** FA

This course consists of two semesters introducing basic ceramic skills to create different forms and vessels. The year begins by learning different techniques in hand-building and wheel throwing, as well as basics of glazing. As students skill increase, projects allow for more exploration of ceramics as a creative art medium. The class emphasizes production and student projects will also draw from art history, current techniques in ceramics, and subjects of personal interest.

**Ceramics II / Ceramics III (10, 11, 12)**

(1.0 credit) **66042000 / 66043000**

**Lab fees required**

**Prerequisite:** Ceramics I

**Meets Graduation Requirement:** FA

Ceramics II/III is an advanced two semester course emphasizing student exploration of ceramics as a sculptural medium, and also aims to refine technical skills and design to a competitive standard. This is a production based course, and students will gain more independence in developing creative ideas in 3D form.

**Sculpture (10, 11, 12)**

(.50 credit) **66104000**

**Prerequisite:** Design & Visual Comm

**Meets Graduation Requirement:** FA, ELE

Sculpture provides an overview of basic skills used to create three-dimensional works of art. With an emphasis on studio production, students explore various techniques and materials for creative expression. Some art

criticism, art history, and aesthetics may be included.

**Studio Art Sculpture (9, 10, 11, 12)**

(.50 credit) **66104200**

**Prerequisite:** Sculpture I

**Meets Graduation Requirement:** FA

As students skill increase, projects allow for more exploration of sculpture as a creative art form. The class emphasizes production and student projects will sculpt from art history, current techniques and subjects of personal interest.

## PHOTOGRAPHY

**Basic Digital Photography (9, 10, 11, 12)**

(.50 credit) **66223700**

**Lab fees required**

**Prerequisite:** Design and Visual Communication

**Meets Graduation Requirement:** CTE, FA

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of 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 Photography II (available as Concurrent) (9, 10, 11, 12)**

(1.0 credit) **66223900**

**Lab fees required**

**Prerequisite:** Basic Film Photography or teacher approval

**Meets Graduation Requirement:** CTE or FA

A continuation of the techniques learned in Basic Film Photography with an emphasis on commercial and artistic applications of photography. New techniques include: digital photography, studio lighting, portraiture, photo journalism. Students will research styles and techniques of famous photographers. Strong work ethic, attendance and portfolio prints are a requirement.

**Advanced Commercial Photo (9, 10, 11, 12)**

(1.0 credit) **66224600**

**Prerequisite:** Teacher recommendation

**Meets Graduation Requirement:** CTE

Advanced photography is designed to offer students a rigorous environment in which to learn skills leading to post-graduate education or careers. Students are required to make gallery-quality prints for exhibition, enter competitions and other photographic exhibitions and prepare photographic

materials for use on the internet. Training includes, but is not limited to, art history, photographic history, use of professional equipment, studio experience and field practice. Students may be offered opportunities to participate in commercial assignments. Successful students will finish the year with a portfolio of prints that can be shown to college and university admissions departments or prospective employers.

**Basic Photo Concurrent Enrollment (11, 12)**

(1.25 credit) **66225100** semester

**Meets Graduation Requirement:** CTE

Advanced photography is designed to offer students a rigorous environment in which to learn skills leading to post-graduate education or careers. Students are required to make gallery-quality prints for exhibition, enter competitions and other photographic exhibitions and prepare photographic materials for use on the internet. Training includes, but is not limited to art history, photographic history, use of professional equipment, studio experience and field practice. Students may be offered opportunities to participate in commercial assignments. Successful students will finish the year with a portfolio of prints that can be shown to college and university admissions departments or prospective employers. Juniors and seniors may register in this course for SLCC college credit as Art 1050. A one-time college registration fee applies.

## Fine Arts Electives

**Oestanas - Drill Team (10, 11, 12)**

(1.0 credit) **68263000**

**Prerequisite:** Membership is by audition only

**Meets Graduation Requirement:** ELE

A competitive performing Dance-Drill Team, Oestanas is a full year commitment to performing field show routines, parades, military, jazz, novelty, and prop routines. All performances and competitions are mandatory.

## Career & Technical Education (CTE)

Career & Technical Education serves to empower students with skills needed to facilitate success in their lifelong education and career choices. Career & Technical Education (CTE) courses are integrated with a strong academic foundation, basic workplace and occupational skills, and competencies that focus on real world applications.



**Career Tech Ed F (7)**  
(.50 credit) **37281000**

**Meets Middle School Requirement:** CTE

The Career Development section of CTE introduction is designed to help a student discover specific information about him or herself through awareness, self-knowledge, and education and occupation exploration. The broad goal of these 19 days is to help students begin to “figure out” who they are while they decide what they want to become.

**Career Tech Ed T (7)**  
(.50 credit) **37283000**

**Meets Middle School Requirement:** CTE

In 7<sup>th</sup> grade, all students are enrolled in Career Technology Education, a program designed to give students opportunities to learn about themselves and explore the world of work. CTE is a year-long class presented by a team of teachers, and with the help of counselors, who work together to help students better understand Agriculture, Business, Family and Consumer Science, Technology, marketing, and Personal Finance. The CTE program is based in three major objectives: Increasing Self-Knowledge, Exploring Education and Occupational Opportunities, and Develop Education and Career Plans. Students will gain a greater understanding of themselves, their likes and dislikes, wants, talents, and abilities. They will gain a greater understanding of how the real world works and what they can do to prepare for it. Because the curriculum is exploratory, students will get a brief introduction to many different things.

## **BUSINESS**

**Accounting I & Accounting II (9, 10, 11, 12)**  
(1.0 credit) **65201000 & 65202000**

**Lab fee may be required**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE, MAA (3rd year)

This course develops skills beginning with an understanding of the basic elements and concepts of double entry accounting systems. Skills include understanding the accounting cycle; entering transactions in journals; posting to ledgers; compiling end-of-period worksheets; adjusting and closing entries, statements, and reports; and completing banking activities and payroll systems.

**Word Processing Basic (9, 10, 11, 12)**  
(.50 credit) **67303000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

In this course basic word processing skills are taught. Skills include keyboarding, editing and proofreading documents, performing standard

file management procedures, and creating business documents to simulate real-life job environments.

**Computer Technology (10, 11, 12)**  
(.50 credit) **65209000**

**Prerequisite:** Basic Keyboarding Skills

**Meets Graduation Requirement:** CTE

An introduction to computer application software that encompasses document processing, spreadsheets, and presentations. An understanding of ethics and use of operating systems, information resources, and electronic mail is included. Skills gained will be demonstrated by creating a project for a different content area.

**Explore Computer Science (10, 11, 12)**  
(.50 credit) **65261800**

**Prerequisite:** Keyboarding proficient, Type 25 wpm, Algebra, or Secondary Math I

**Meets Graduation Requirement:** CTE, or Computer Technology

Explore Computer Science is designed to introduce students to the expanding field of computer science through and exploration of engaging and assessable topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course will focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. Algorithm development, problems solving and programming.

**Gaming Development (9, 10, 11, 12)**  
(.50 credit) **65264000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course will provide core gaming development skills. Students will gain a solid foundational knowledge of game design, hardware, graphics and animation.

**Mobile Applications Development (9, 10, 11, 12)**

(.50 credit) **65265000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course will provide core mobile development skills. Students will gain a solid foundation knowledge of topics relating to mobile device development, including HTML5, and other mobile operating system tools. It is recommended that students be familiar with the concepts of and have hands-on experience with the mobile development technologies.

**Digital Business Applications (9, 10, 11, 12)**  
(.50 credit) **65246000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

The business world is progressively more reliant on digital technologies. This course is designed to prepare students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow. Concepts include the overall digital experience, digital communications, digital media and the exploration of career choices. This course also provides practical experience in professionalism using various forms of presentation skills, including speaking, podcasting and digital portfolio relating to the globalization of business.

## **FAMILY & CONSUMER SCIENCE**

**Adult Roles and Financial Literacy (11, 12)**  
(1.0 credit) **67238200**

**Prerequisite:** none

**Meets Graduation Requirement:** CTE, FL

This course prepares students to understand the nature, function and significance of human relationships integrated with general financial literacy. Topics include: decision making to set and implement financial goals, values, communication skills, self-awareness, families, sources of income and the relationship between income and career preparation, crisis management, marriage preparation, marriage, money management, saving, investing, parenting, and retirement planning. Students who complete the entire course fulfill the General Financial Literacy graduation requirement. FCCLA student leadership organization may be an integral part of the course.

**Concurrent Enrollment Available 67238400 (Adult Roles Financial I Concurrent Enroll)**

**Child Development (9, 10, 11, 12)**  
(1.0 credit) **67221000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course prepares students with an understanding of human growth and development. The content covers children’s physical, mental, emotional, and social growth from the prenatal period through adolescence. Parenting skills are developed as appropriate care, positive guidance techniques, and child related issues are studied. This class prepares students to work with children in a pre-school or day-care center. Student leadership (FCCLA) may be an integral part of the course.

**Early Childhood Education I (10, 11, 12)**  
(1.0 credit) **67225600**

**Prerequisite:** Child Development

**Meets Graduation Requirement:** CTE

This course will provide a unique opportunity for students to gain practical experience

working with young children. This course is a basic introduction to the field of early education. Students will develop skills in writing lesson plans, managing a classroom and implementing programs that help in the development of young children. Student leadership (FCCLA) may be an integral part of the course.

### **Early Childhood Education II (10, 11, 12)**

(1.0 credit) **67225700**

**Prerequisite:** Child Development

**Meets Graduation Requirement:** CTE

This course prepares individuals for careers in child care, guidance, and early childhood education. Child care experiences include: program planning and management, resource and facility management, supervising recreational and play activities, preparing and implementing a large variety of learning experiences for children, and the application of individual teaching skills, and preparation for a career and/or entrepreneurial opportunities. The primary focus of this class is hands-on, on-site or off-site teaching experiences. Student leadership (FCCLA) may be an integral part of this course.

(Concurrent Enrollment Available)

### **Intro Early Child Ed Concurrent (11, 12)**

**67624000**

### **Clothing I & Clothing II (7, 8, 9, 10, 11, 12)**

(.50 – 1.0 credit) **67191000 & 67192000**

**Prerequisite:** Clothing I is prerequisite for Clothing II

**Meets Graduation Requirement:** CTE

This course teaches students basic clothing construction techniques, clothing care and maintenance, selection and construction of various textiles, and operation and care of the sewing and pressing equipment. Student leadership (FCCLA) may be an integral part of this course.

### **Fashion Strategies & Designer Sewing (7, 8, 9, 10, 11, 12)**

(1.0 credit) **67209000 & 67207000**

**Prerequisite:** Clothing I

**Meets Graduation Requirement:** CTE

Designer Sewing is a course designed for students who have interests in the fields of design, apparel, textiles, and clothing construction. Individual projects using design principles will be used as vehicles to further develop the students' skills. Experiences may include pattern design, surface design, principles of clothing construction, fitting and alteration, custom sewing, home decorating, and other entrepreneurial opportunities. Fashion Strategies is course provides instruction in the following areas related to fashion: cycles, designers, textiles, apparel details, color, cosmetics, retailing, promotion,

and career opportunities. Fashion history and design principles are included in this course. Student leadership (FCCLA) may be an integral part of this course.

### **Food and Nutrition I & Food and Nutrition II (7, 8, 9, 10, 11, 12)**

(1.0 credit) **67193000 & 67194000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

Food and Nutrition I teaches the principles of nutrition and of maintaining a healthy level of fitness for life. Attention is given to the selection and preparation of food and personal health and wellbeing. Food and Nutrition II teaches the advanced concepts of nutrition and how it affects the health of individuals and families. Instruction is given in the care of food, meal management, food patterns, and food needs. Consumer skills are emphasized.

### **Pro Start I (10, 11, 12)**

(1.0 credit) **67190000**

**Prerequisite:** Food & Nutrition I & Food & Nutrition II

**Meets Graduation Requirement:** CTE

This basic course from the National Restaurant Association introduces students into the world of professional cooking. Basic communication skills, safety and sanitation, food preparation, meal planning, and other topics are taught in this beginning course. FCCLA may be an integral part of this course. (Standards 1-8 will be covered on Skill Certification Test # 343.)

### **Pro Start II (10, 11, 12)**

(1.0 credit) **67190200 (Available as concurrent)**

**Prerequisite:** Food & Nutrition I & Food & Nutrition II

**Meets Graduation Requirement:** CTE

Students will continue to be trained for employment in restaurants. The basic skills taught in Pro Start I will be reviewed and additional skills such as customer relations, accounting procedures, and more advanced food preparation skills will be taught. FCCLA may be an integral part of this course.

### **Culinary Arts Chef (9, 10, 11, 12)**

(2.0 credits) Meets Daily **67215300**

**Prerequisite:** Foods I & II

**Meets Graduation Requirement:** CTE

A program with a sequence of courses that prepares individuals to provide professional chef and related cooking services in restaurants and other commercial food establishments. Includes instruction in planning recipes and menus; preparing and cooking food; supervising and training kitchen assistants; and managing food supplies, kitchen resources, and the aesthetics of food

preparation. Mastery of a wide variety of culinary techniques is required.

### **Interior Design I (7, 8, 9, 10, 11, 12)**

(.50 credit) **67901000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course teaches the elements and principles of design including line, shape, texture, color, rhythm, and balance. Students work with architectural designs, furniture styles, floor plans, color schemes, textures, fabrics, window treatments, and home furnishings.

### **Interior Design II (7, 8, 9, 10, 11, 12)**

(.50-1.0 credit) **67905000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course teaches the elements and principles of design including line, shape, texture, color, rhythm, and balance. Students work with architectural designs, furniture styles, floor plans, color schemes, textures, fabrics, window treatments, and home furnishings.

### **Life Management (9, 10, 11, 12)**

(.50 credit) **67226900**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course prepares students to live independently. Decision making, living on your own, transportation, housing, healthy living. The course is a precursor to the Adult Roles and Responsibilities/Financial Literacy.

## **HEALTH SCIENCE**

### **Biotechnology I (11, 12)**

(1.0 credit) **67928200**

**Prerequisite:**

**Meets Graduation Requirements:** CTE, SAA

Career exploration in biotechnology emphasis on central dogma of biology, DNA techniques, applications in biotech, and bioethics. Topics include forensics and human cloning. Lab work will be included in this course.

### **Biotechnology II (11, 12)**

(1.0 credit) **67929800 (Concurrent Available)**

**Prerequisite:** Biotechnology I

**Meets Graduation Requirement:** CTE

Emphasis on the nature of proteins and various techniques used to purify and analyze. Presentation of industry standards; including good manufacturing and lab practices, quality control, assurance and validation.

### **Exercise Science/Sports Medicine (11, 12)**

(1.0 credit) **68801000**

**Prerequisite:** Medical Anatomy & Physiology

**Meets Graduation Requirement:** CTE

This course provides an introduction to exercise science and the treatment of sports-related injuries. Areas of study include first aid, injury prevention principles, the healing process, rehabilitation techniques, therapeutic methods, sports nutrition and psychology, and performance enhancement philosophies.

**Intro to Health Science (9, 10, 11, 12)**

(.50 credit) **67929000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course is designed to create an awareness of career possibilities in health care and inform students of the educational options available for health science and health technology programs. Instruction includes beginning anatomy and physiology, medical terminology, medical ethics, diseases and disorders. The course prepares students for the Medical Anatomy and Physiology (MAP) course and/or for a variety of health technology programs. This class does not fulfill Health requirement.

**Advanced Health Science (11, 12)**

(1.0 credit) **67950500**

**Prerequisite:** Medical Anatomy & Physiology

**Meets Graduation Requirement:** CTE

This course is intended for students who desire to pursue a career in health care. It will prepare the student with knowledge and skills needed to work directly with patients including characteristics of a health care worker, ethical considerations and legal issues. Body systems will be covered including anatomy and physiology with an emphasis on diseases; what they are, how they occur, and how they are treated. The course will include case studies in which the student will apply problem solving skills to reach a conclusion and will also involve out of class application.

**Medical Terminology (9, 10, 11, 12)**

(.50 credit) **67630000 (Available as concurrent for 11, 12)**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course provides students with an in-depth study of health care careers including actual clinical experience in a variety of areas. Instruction includes intermediate anatomy and physiology, medical terminology, diseases, and disorders, medical ethics and first aid. The class is designed to prepare students for Health Science and/or for a variety of health technology programs.

**Medical Anatomy & Physiology (10, 11, 12)**

(1.0 credit) **67939000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE, SAA

This course explores medical and health related occupations as well as the study of human structure and function. The course includes field trips, hands-on activities, and guest demonstrations. Areas of study include medical terminology, human biology, disease processes, and career exploration. This is recommended for anyone going into medical or associated fields and is required for the Health Professions Academy.

**INFORMATION TECHNOLOGY****Physics with Technology (9, 10, 11, 12)**

(1.0 credit) **67947000**

**Prerequisite:** Elementary Algebra or concurrent enrollment in Elementary Algebra

**Meets Graduation Requirement:** CTE or SCI

This course covers the topics of matter, motion, and energy through hands-on, practical applications of the main concepts to mechanical, fluid, thermal, and electrical systems. The curriculum is built around a specific set of laboratory materials. It is for students who desire a background course for future science or technology-related careers.

**Foundations of Technology (9, 10)**

(.50 credit) **67200000**

**Prerequisite:** Basic Keyboarding Skills

**Meets Graduation Requirement:** CTE

Foundations of Technology is comprehensive action-based educational course concerned with technology. It enhances the potential of students to become successful and contributing participants with their technological environment so they can make rational decisions about their own lives on a day-to-day basis and participate in controlling their own destiny. It is a secondary school introduction to hands-on technology activities with emphasis placed on planning, design and problem solving. It is appropriate critical thinking and problem solving skills as they assess the technology that influences their daily lives and their future careers.

**Exploring Technology (7, 8)**

(.50 credit) **37303000**

**Meets Middle School Requirement:** CTE

Exploring Technology is comprehensive action-based educational course concerned with technology. It enhances the potential of students to become successful and contributing participants with their technological environment so they can make rational decisions about their own lives on a day-to-day basis and participate in controlling their own destiny. It is a secondary school introduction to hands-on technology activities with emphasis placed on planning, design and problem solving. It is appropriate critical

thinking and problem solving skills as they assess the technology that influences their daily lives and their future careers. (Class can meet with the high school Foundation of Technology).

**Computer Programming I (7, 8, 9, 10, 11, 12)**

(1.0 credit) **65274000**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE, MAA

*Programming Language: Java*

This is a beginning through intermediate course in computer programming/software engineering and applications. This course introduces students to the fundamentals of computer programming, simple control and data structures, basic operating systems commands, sequential files, arrays, classes, recursive processes, and the use of text files. Students will learn to design, code and test their own programs.

**Computer Programming II (10, 11, 12)**

(1.0 credit) **65278000**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE, MAA

*Programming Language: Java*

An advanced class in computer programming and applications. Reviews and builds on the concepts introduced in Database Development and Oracle II. Introduces students to dynamic allocation of data, advanced utilization of classes, advanced GUI techniques, and advanced applications of recursion. The first semester course for students includes an overview of computer science, introduction to software engineering, algorithm design, program control structures, data abstraction and object theory, and implementation. The second semester course includes algorithm development and analysis, searching and sorting algorithms, dynamic data structures (trees, linked lists) and graphs.

**Computer Network + (10, 11, 12)**

(1.0 credit) **67292000**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE

A year-long course in computer networking skills. Students learn to install, configure and troubleshoot networking hardware and protocols. This class prepares students to take the Comp TIA Network + exam. Web Development industry certification programs target individuals interested in demonstrating the baseline of technical knowledge that would allow them to pursue a variety of Internet-related career. iNet+ is accepted by all other Internet certification programs as a fundamental (beginning) level certification, and is a good place to start. iNet+ is a vendor-neutral, entry-level Internet certification program that tests baseline technical

knowledge of Internet, Intranet and Extranet technologies, independent of specific Internet-related career roles. Learning objectives and domains examined included Internet basics, Internet clients, development, networking, security and business concepts. CIW and WOW build upon the i-Net+ curriculum.

### **Computer A+ (10, 11, 12)**

(1.0 credit) **67291000**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE

A year-long program in computer and network support. Students will be prepared to take the industry A+ Certification test in computer service and repair. Job shadowing and internships are available.

### **Digital Media I (10, 11, 12)**

(1.0 credit) **67197200**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE

This course teaches media and content used in a combination of forms. The term multimedia is used in contrast to media which only use traditional forms of printed or hand-produced material. Multimedia includes a combination of text, audio, still images, animation, video and interactivity content forms.

### **Digital Media II (11, 12)**

(1.0 credit) **67197300**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** CTE

This course teaches media and content used in a combination of forms. The term multimedia is used in contrast to media which only use traditional forms of printed or hand-produced material. Multimedia includes a combination of text, audio, still images, animation, video and interactivity content forms.

### **Web Development (10, 11, 12)**

(1.0 credit) **65229000**

**Prerequisite:** Computer Technology

**Meets Graduation Requirement:** CTE

Web Development is a course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the basic fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: XHTML coding, Cascading Style Sheets (CSS), and JavaScript. They learn and follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in Web Development as

they complete projects and create their own Web portfolio.

## **ECONOMICS & MARKETING**

### **IB Economics SL 2 (10, 11, 12)**

(1.0 credit) **65675320**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

The purpose of a course in economics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. This course can give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics.

### **Entrepreneurship Marketing (7, 8, 9, 10, 11, 12)**

(.50 credit) **67228000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

During the first semester of this course, students will learn basic marketing and business principles. Such topics as selling, advertising and group interaction skills will be emphasized. During the second semester, students will learn the basics of opening their own business and will have the opportunity to write an actual business plan for the business of their choice. Participation in DECA (an association of marketing students) is available to interested students.

### **Marketing 1 (7, 8, 9, 10, 11, 12)**

(.50 credit) **652213000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

An introductory course that will teach concepts of entry-level business and marketing functions. The following skill standards will prepare the student in marketing, marketing and business fundamentals, selling, financing, product/service planning, information management, purchasing, distribution, pricing, promotion, risk management, career development, economics, communications, human relations, marketing math, and marketing operations. Student taking marketing classes should have the opportunity

to participate in DECA (An Association of Marketing Students)

## **TELEVISION PRODUCTION**

### **Television Broadcasting I (9, 10, 11, 12)**

(.50 credit) **672722000**

**Prerequisite:** Television Broadcasting Teacher Permission Required

**Meets Graduation Requirements:** ELE

Students learn the basic principles of T.V. Production and news broadcasting and apply them in creating a weekly "T.V. West" newscast. Tryouts are held in the spring for the following year's class.

### **Television Broadcasting II (9, 10, 11, 12)**

(1.0 credit) **67272400**

**Prerequisite:** Television Broadcasting Tech I and Television Broadcasting Teacher Permission Required

**Meets Graduation Requirements:** CTE

Students further their basic T.V. Production skills and apply them to feature reporting, contests, special projects, and film techniques.

### **Video Production I & II (9, 10, 11, 12)**

(1.0 credit) **67270320 & 67270700 (TV West)**

**Prerequisite:** None

**Meets Graduation Requirements:** CTE

Students further their basic T.V. Production skills and apply them to feature reporting, contests, special projects, and film techniques.

### **Video Production 1 (IB Film 1) (11, 12)**

(.50 credit) **67270300**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** ELE

Take this class and learn all aspects of project development, pre-production, production, and post-production with hands-on assignments including the use of cameras and professional editing software to create your very own video projects. This course is part one of IB Film taken during the 1<sup>st</sup> semester.

### **Video Production 2 (IB Film 2) (11, 12)**

(.50 credit) **67270600**

**Prerequisite:** Teacher Approval

**Meets Graduation Requirement:** ELE

Further express your creativity as you build upon skills gained from Video/Film Production I. Delve more deeply into the areas of camera operation, audio, lighting systems, project development, pre-production, production, post-production, visual effects, graphics, and copyright laws. Students will be studying the work of accomplished filmmakers as well as producing several original projects. This course is part two of IB Film taken during the 2<sup>nd</sup> semester.

## LAW ENFORCEMENT

### **Criminal Justice (CJ 1010) (11, 12)**

(1.0 credit) **63624000**

**Prerequisite:** None

**Meets Graduation Requirement:** SSE (One semester)

This concurrent course offers both high school and college credit. Students will learn to identify the police role in society, the causes of crime, the laws of arrest and search and seizure, correct procedures for handling evidences and career opportunities in the law enforcement fields. This course follows the Salt Lake Community College curriculum.

### **Law Enforcement (10, 11, 12)**

(.50 credit) **63232000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE, SSE

Upon completion of this course students should be able to identify the police role in society, the causes of crime, the laws of arrest and search and seizure, correct procedures for handling evidence, and career opportunities in the law enforcement fields.

### **Intro to Forensic Science (10, 11, 12)**

(.50 credit) **67916000**

**Prerequisite:** Law Enforcement or Criminal Justice

**Meets Graduation Requirement:** CTE

**Location:** CTC

This course covers the importance of locating, collection and preservation of physical evidence at crime scenes. Included are crime laboratory techniques and services in examination of evidence.

## ELECTRONICS TECHNOLOGY

### **Basic Electronics (7, 8, 9, 10, 11, 12)**

(1.0 credit) **67259000**

**Lab fee may be required**

**Prerequisite:** Elementary Algebra recommended

**Meets Graduation Requirement:** CTE, SAA

This course prepares students to apply technical knowledge and skills to assemble, install, operate, maintain, and repair electrically energized systems, such as residential, commercial, and industrial electric power systems wiring, DC and AC motors, controls, and electrical distribution panels.

### **Digital Electronics (11, 12)**

(1.0 credit) **67260400**

**Lab fee may be required**

**Prerequisite:** Basic Electronics

**Meets Graduation Requirement:** CTE, SAA

This course is designed to develop student understanding and experience with advanced

concepts in digital logic, computer repair and networking by building a wide variety of fun, informative labs. Beginning digital logic consists of seven logic gates, numbering systems, Flip Flops, Karnaugh mapping, robotics, printed circuit board design and construction as well as other electronics concepts.

### **Advanced Electronics (9, 10, 11, 12)**

(1.0 credit) **67260500**

**Lab fee may be required**

**Prerequisite:** Digital Electronics

**Meets Graduation Requirement:** CTE, SAA

Fundamentals of electronic circuits and components, network models of amplifiers, diodes, BJT & MOS transistors, frequency response, feedback and ability. Introduction to computer circuit simulation.

### **Automation & Robotics (10, 11, 12)**

(0.5 credit) **67277000**

**Prerequisite:** Electronics

**Meets Graduation Requirement:** CTE

This course is a lab based, hands-on curriculum combining electrical and mechanical principles, and design. Rigorous study and application of concepts include, but are not limited to: electrical safety, basic electronic parts use and identification, electrical sources, sensors and actuators. Applications to industrial automation and career opportunities will also be discussed.

### **Small Engine Technician (9, 10, 11, 12)**

(.50 credit) **67246000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

Students will be introduced to small internal combustion engines. They will be taught safety in the shop, disassembly and reassembly, inspection, diagnosis and repair of small gas powered engines using precision instruments and tools. Improper and careless use of machinery and tools create a risk of personal injury, therefore all students will be required to pass a safety test with a score of 100% before they are allowed to operate any machinery or power tool.

## AUTOMOTIVE TECHNOLOGY

### **Introduction to Automotive (9, 10, 11, 12)**

(1.0 credit) **672304000**

**Lab fee may be required**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

The course prepares students to maintain and service all types of automobiles. Instruction focuses on shop safety and basic technical skills relating to the diagnosis of malfunctions and to the repair of automotive systems.

### **ASE Brakes (10, 11, 12)**

(.50 credit) **67792000**

**Lab fee may be required**

**Prerequisite:** Intro to Automotive

**Meets Graduation Requirement:** CTE

This course is part of a sequence that prepares students to engage in the servicing and maintenance of all types of automobiles. Instruction includes training in safety, the diagnosis of malfunctions and repair of braking. This course is based on the ASE (Automotive Service Excellence) task list. Work ethics and productivity are an integral part of the classroom and lab activities of these courses.

### **ASE Steering and Suspension (10, 11, 12)**

(.50 credit) **67798000**

**Lab fee may be required**

**Prerequisite:** Intro to Automotive

**Meets Graduation Requirement:** CTE

This course is part of a sequence that prepares students to engage in the servicing and maintenance of all types of automobiles. Instruction includes training in safety, the diagnosis of malfunctions and repair of steering and suspension systems. This course is based on the ASE (Automotive Service Excellence) task list. Work ethics and productivity are an integral part of the classroom and lab activities of these courses.

### **ASE Electrical/Electronics (10, 11, 12)**

1.0 credit) **67794000**

**Lab fee may be required**

**Prerequisite:** Intro to Automotive

**Meets Graduation Requirement:** CTE

This course is part of a sequence that prepares students to engage in the servicing and maintenance of all types of automobiles. Instruction includes training in safety, the diagnosis of malfunctions and repair of electrical systems. This course is based on the ASE (Automotive Service Excellence) task list. Work ethics and productivity are an integral part of the classroom and lab activities of these courses. This is a full year course – DAILY in combination with ASE Engine Performance

### **ASE Engine Performance (10, 11, 12)**

(1.0 credit) **67796000**

**Lab fee may be required**

**Prerequisite:** Intro to Automotive

**Meets Graduation Requirement:** CTE

This course is part of a sequence that prepares students to engage in the servicing and maintenance of all types of automobiles. Instruction includes training in safety, the diagnosis of malfunctions and repair for the engine performance. This course is based on the ASE (Automotive Service Excellence) task list. Work ethics and productivity are an

integral part of the classroom and lab activities of these courses. This is a full year course – DAILY in combination with ASE Electrical/Electron

**Auto Collision Repair (9, 10, 11, 12)**  
(1.0 credit) **67234700**

**Prerequisite:** Beginning Auto Collision  
**Meets Graduation Requirement:** CTE

This is a course that prepares individuals to repair automotive, uni-bodies, fenders, and frames of automobiles. Instruction includes training in refinishing and painting. Work ethics and productivity are an integral part of the classroom and laboratory activities of this program. This course is offered during 4<sup>th</sup> block or 7/8 periods only.

## WOODWORKING TECHNOLOGY

**Woodworking Intro (9, 10, 11, 12)**  
(.50 credit) **67288000**

**Lab fee may be required**  
**Prerequisite:** None

**Meets Graduation Requirement:** CTE  
A hands-on experience that demonstrates mechanical concepts and procedures, preparing students to diagnose, troubleshoot, tune-up, repair, disassemble and reassemble small internal combustion engines used on motorcycles, scooters, ATV's, go-carts, go-peds, lawnmowers, leaf blowers, weed trimmers, chainsaws and more.

**Woodworking I (9, 10, 11, 12)**  
(.50 credit) **67281000**

**Lab fee may be required**  
**Prerequisite:** Woodworking Intro  
**Meets Graduation Requirement:** CTE

This course prepares students to apply technical knowledge and skills to lay out and shape stock and assemble skateboards, long boards, small tables, book cases etc. It stresses the safe use of a variety of machinery, hand and power tools. Students will produce projects which incorporate all joints and tools. Curio cabinets, chairs, desks and bed frames.

**Furniture Design and Manufacturing (10, 11, 12)**  
(1.0 credit) **67289000**

**Lab fee may be required**  
**Prerequisite:** Woodworking

**Meets Graduation Requirement:** CTE  
This is the third course in a sequence of courses. Students will learn to apply technical knowledge and skills to prepare and execute furniture design projects, assemble, finish, and repair furniture. It stresses the safe use of a variety of hand and power tools and machinery. Projects will incorporate all joints and tools.

**Cabinetmaking and Millwork (11, 12)**  
(1.0 credit) **67285000**

**Lab fee may be required**  
**Prerequisite:** Furniture Design and Manufacturing

**Meets Graduation Requirement:** CTE  
This course is the fourth in a sequence of courses. This course prepares students to apply technical skills in creating custom cabinets, fine furniture and architectural millwork. It stresses the safe use of trade hand tools and machinery used in the production of millwork items. Course content explores modern cabinet making processes.

## VISUAL ARTS TECHNOLOGY

**Design and Visual Communication (7, 8, 9, 10, 11, 12)**

(1.0 credit) **67421000**  
**Lab fee may be required**  
**Prerequisite:** None

**Meets Graduation Requirement:** CTE or FA  
A program in the applied visual arts that focuses on the general principles and techniques for effectively communicating ideas and information, and packaging products, in digital and other formats to business and consumer audiences, and that may prepare individuals in any of the applied art media.

**Visual Communication: Commercial and Advertising Art (8, 9, 10, 11, 12)**

(1.0 credit) **67423000**  
**Lab fee may be required**  
**Prerequisite:** Design and Visual Communications

**Meets Graduation Requirement:** CTE or FA  
This course in applied visual communication teaches students to use artistic techniques to effectively communicate ideas and information to businesses and consumer audiences via illustrations, as well as digital and printed media. Instruction includes a broad range of media including: concept design, layout, drawing, cartooning, painting, collage, computer graphics and various printing techniques.

**Visual Communication: Industrial Design (9, 10, 11, 12)**

(1.0 credit) **67422000**  
**Lab fee may be required**

**Prerequisite:** Commercial and Advertising Art  
**Meets Graduation Requirement:** CTE or FA  
This is a course in applied visual communication that teaches students to use artistic techniques to effectively communicate ideas and information to businesses and consumers. The program explores all areas of

industrial design. Some specific areas include: packaging design, mach-up design, and development principles of product structure. Students will work in diverse media and develop a portfolio.

**Basic Digital Photography (9, 10, 11, 12)**  
(.50 credit) **66223700**

**Lab fee may be required**  
**Prerequisite:** Art Foundations II **camera required**  
**Meets Graduation Requirement:** CTE, FA  
This is an introductory course in black & white photography. Basic camera functions, film developing and enlarging are included in this one semester course. Access to a working 35 mm SLR camera is required.

**Advanced Commercial Photography (10, 11, 12)**

(1.0 credit) **66224600**  
**Lab fee may be required**  
**Prerequisite:** Art Foundations II  
**Meets Graduation Requirement:** CTE  
This course teaches photographic techniques to communicate ideas and information to business and consumer audiences. Instruction focuses on cameras, equipment operation, and maintenance.

**Digital Photography, Advanced (11, 12)**  
(Concurrent Credit Available) (1.0 credit) **66223900**

Grades 11, 12  
**Lab fee may be required**  
**Prerequisite:** Commercial Photography I **camera required**  
**Meets Graduation Requirement:** CTE or FA  
A continuation of the techniques learned in Commercial Photography I with an emphasis on commercial and artistic applications of photography. New techniques include: digital photography, studio lighting, portraiture, photo journalism. Students will research styles and techniques of famous photographers. Strong work ethic, attendance and portfolio prints are a requirement.

## WORK-BASED LEARNING

**CTE Internship (11, 12)**  
(.50 credit) **67320000**

**Prerequisite:** Enrollment in a CTE class and Career Advisor signature is required  
**Meets Graduation Requirement:** ELE  
CTE Internships provide on the job training opportunities that are directly related to a career goal and course of study identified through the SEOP. The work-based learning experience is designed to bridge the gap between school and work. Appropriate supervision by a school/district coordinator

must be maintained. Contact the CTE Coordinator in Room 318, or at 801-578-8500 x365 or 383.

### **Work Release (11, 12)**

(.50 credit) **69247000**

**Prerequisite:** CTE Coordinator Approval

**Meets Graduation Requirement:** ELE

Work Release is a privilege, and no student is guaranteed participation. It is recommended that a student work in a field related to a future career choice. Students must keep a good standing with other classes check in with the CTE Coordinator or representative to keep the work release status.

## Physical Education / Lifetime Activities

### **P.E. 7 (7)**

(.50 credit) **38235000**

**Prerequisite:** None

**Meets Middle School Requirement:** PE 7

Students will be given the opportunity to learn basic participation skills and techniques in a variety of individual and team sports, games, and rhythmic activities. Emphasis will be placed upon participation, sportsmanship, leadership, courtesy, respect, and fairness. The course also provides instruction designed to improve and maintain all levels of physical fitness.

### **P.E. 8 (8)**

(.50 credit) **38238000**

**Prerequisite:** None

**Meets Middle School Requirement:** PE 8

Students will be given the opportunity to learn basic participation skills and techniques in a variety of individual and team sports, games, and rhythmic activities. Emphasis will be placed upon participation, sportsmanship, leadership, courtesy, respect, and fairness. The course also provides instruction designed to improve and maintain all levels of physical fitness.

### **Beginning Fitness/Team Sport (7, 8)**

(.50 credit) **38250000**

**Prerequisite:** PE 7, PE 8

**Meets Middle School Requirement:** PE

Students will be given the opportunity to learn basic participation skills and techniques in a variety of individual and team sports, games, and rhythmic activities. Emphasis will be placed upon participation, sportsmanship, leadership, courtesy, respect, and fairness. The course also provides instruction designed

to improve and maintain all levels of physical fitness.

### **P.E. Skills / Fitness for Life (9, 10, 11, 12)**

(1.0 credit) **68109000 / 68200000**

**Prerequisite:** None

**Meets Graduation Requirement:** PSF

This course provides students with the opportunity to develop skills, knowledge, and techniques in a variety of individual and team sports and rhythmic activities. Emphasis is placed on leadership and sportsmanship. Also this course assists students in accessing their own fitness level and in developing and implementing personal fitness plans to improve their level of physical fitness. Emphasis is placed on the components of fitness, proper, nutrition, and stress management. **This course is required for graduation.**

### **Aerobics/Body Conditioning (10, 11, 12)**

(.50 credit) **68227000**

**Prerequisite:** P.E. Skills & Fitness

**Meets Graduation Requirement:** LA

**Aerobics:** In this course students improve cardiovascular fitness and muscular strength, endurance, and toning through participation in aerobic exercise. In addition students learn about body composition and proper nutrition.

**Body Conditioning:** In this course students learn how to tone and build strength without bulk. Students also build cardiovascular conditioning through aerobic activities.

### **Lifetime Activities (10, 11, 12)**

(.50 credit) **68204000**

**Prerequisite:** P.E. Skills & Fitness

**Meets Graduation Requirement:** LA

In this course students acquire skills and knowledge in a variety of lifetime activities, including badminton, tennis, golf, bowling, and table tennis, that will contribute to sustained fitness.

### **Team Activities (10, 11, 12)**

(.50 credit) **68216000**

**Prerequisite:** P.E. Skills & Fitness

**Meets Graduation Requirement:** LA

In this course students develop intermediate to advanced skills and techniques in a minimum of three team sports. Emphasis is placed on skill development, knowledge of rules, team strategy, team work, sportsmanship and leadership.

### **Weight Training (10, 11, 12)**

(.50 credit) **68221000**

**Prerequisite:** P.E. Skills & Fitness

**Meets Graduation Requirement:** LA

In this course students work on a progressive weight-training program designed to build muscular bulk, strength, and endurance.

### **Cheerleading (10, 11, 12)**

(.50 Credit) **68262000**

**Prerequisite:** Participation Skills, Fitness for Life and Cheerleader Advisor Signature Required. Try outs.

**Meets Graduation Requirement:** LA

Students in this course will develop muscular strength and endurance, dance and tumbling skills, and proper spotting techniques necessary to perform cheerleading routines. Emphasis will be placed on developing individual leadership skills. This course is open only to 10th through 12th grade students who are members of the cheerleading squad. **In order to award core credit for this course the instructor must hold a valid teaching certificate, or a state letter of authorization or be supervised by a teacher of record, and attend the annual Utah School Boards Cheerleading Clinic and hold a current first aid/CPR certificate.**

### **Oestanas - Drill Team (10, 11, 12)**

(1.0 credit) **68263000**

**Prerequisite:** Membership is by audition only

**Meets Graduation Requirement:** ELE

A competitive performing Dance-Drill Team, Oestanas is a full year commitment to performing field show routines, parades, military, jazz, novelty, and prop routines. All performances and competitions are mandatory.

### **Athletics-Specific Sport**

**Meets Graduation Requirement:** LA

Students who participate on an athletic team may earn 0.25 credit for a season of participation up to a maximum of 0.50 credit

<b>Cross Country</b>	<b>#68911000</b>
<b>Tennis</b>	<b>#68921000</b>
<b>Volleyball</b>	<b>#68922000</b>
<b>Softball</b>	<b>#68924000</b>
<b>Football</b>	<b>#68930000</b>
<b>Golf</b>	<b>#68931000</b>
<b>Basketball</b>	<b>#68932000</b>
<b>Wrestling</b>	<b>#68934000</b>
<b>Swimming</b>	<b>#68935000</b>
<b>Soccer</b>	<b>#68936000</b>
<b>Track</b>	<b>#68937000</b>
<b>Baseball</b>	<b>#68939000</b>

### **Dance IA (7, 8, 9, 10, 11, 12)**

(.50 credit) **66105000**

**Prerequisite:** None

**Meets Graduation Requirement:** FA or LA

This beginning level dance course develops dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**Dance IB (7, 8, 9, 10, 11, 12)**

(.50 credit) **66106000**

**Prerequisite:** Dance IA or audition

**Meets Graduation Requirement:** FA or LA

This dance course develops the core concepts taught in Dance IA.

**Dance IIA (8, 9, 10, 11, 12)**

(.50 credit) **66107000**

**Prerequisite:** Dance IB or audition

**Meets Graduation Requirement:** FA or LA

This intermediate level dance course builds dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**Dance IIB (8, 9, 10, 11, 12)**

(.50 credit) **66108000**

**Prerequisite:** Dance IIA or audition

**Meets Graduation Requirement:** FA or LA

This intermediate level dance course builds on the core standards and objectives presented in Dance IIA.

**Dance IIIA (9, 10, 11, 12)**

(.50 credit) **66109000**

**Prerequisite:** Dance IIB or audition

**Meets Graduation Requirement:** FA or LA

This advanced-level dance course strengthens dance knowledge and skills in technique, improvisation, choreography, artistic expression, performance, history, and culture. Connections to other curricular areas are made.

**Dance IIIB (9, 10, 11, 12)**

(.50 credit) **66110000**

**Prerequisite:** Dance IIIA or audition

**Meets Graduation Requirement:** FA or LA

This advanced level dance course extends the core standards and objectives presented in Dance IIIA.

**Dance Company (9, 10, 11, 12)**

(1.0 credit) **66285000**

**Prerequisite:** audition

**Meets Graduation Requirement:** FA, LA

This advanced level dance course extends the core standards and objectives presented in Dance IIIA.

## Health

**Health ELP (7)**

(.50 credit) **3821700**

**Prerequisite:** None

**Meets Middle School Requirement:** Health

This course is designed to enable and encourage students to acquire the information and skills necessary to make informed decision

concerning their own personal health. Students are encouraged to examine lifestyles and habits that impact not only their health but also the health of their community.

**Health (10, 11, 12)**

(.50 credit) **68901000**

**Prerequisite:** None

**Meets Graduation Requirement:** HE

This course assists students in the continual development of skills to improve the quality of life. It offers students the opportunity to evaluate health practices, products and services.

**Introduction to Health Science (9, 10, 11, 12)**

(.50 credit) **67929000**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This is a Health Professions Academy Course, One section of this course will be designated as a Health Professions Academy Course. The Semester course is designed to prepare students with an interest in a health care career for further study. Students will explore career possibilities in health care and the educational they will need to compete in the job market. This course covers basic anatomy and physiology, medical terms, medical ethics, and diseases and disorders, and preparing students for more advanced information in Medical Anatomy & Physiology.

**Introduction to Health Science/Health (9, 10, 11, 12)**

(1.0 credit) **67929200**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This is a Health Professions Academy Course, One section of this course will be designated a Health Professions Academy Course. The Semester course is designed to prepare students with an interest in a health care career for further study. Students will explore career possibilities in health care and the educational they will need to compete in the job market. This course covers basic anatomy and physiology, medical terms, medical ethics, and diseases and disorders, and preparing students for more advanced information in Medical Anatomy & Physiology. This course includes an introduction to Health Science integrated with general Health for an entire year course. Class will have a lab fee.

**Advanced Health Science II (11, 12)**

(1.0 credit) **67930400**

**Prerequisite:** AHS, Students must be enrolled in the Health Professions Academy

**Site Location:** U of U

Students will regularly visit university research and lab sites. Spring semester is spent in community service in the Health Professions

field. Class sessions at the University of Utah Medical School are part of this class. This is the capstone course for the Health Professions Academy. (3 hours of college credit from the University of Utah in addition to high school credit).

**Exercise Sci Sport Medicine (11, 12)**

(1.0 credit) **68801000**

**Prerequisite:**

**Meets Graduation Requirement:** CTE

This course can get you a jump start on an exciting career in sports medicine with hands-on experience working with high school athletes on and off the field. Students in this class have the opportunity to work on the sidelines during games, experience some of the different modalities used to treat athletes, help prep and tape athletes for games and interact with different professionals from various fields. Initial training in class includes learning athletic taping jobs, proper techniques for icing, blood management, static stretching all in preparation to working with athletes in game and practice situations. Additional classroom learning involves basic anatomy and physiology and other learning units such as: performance enhancement, sports nutrition, basic knowledge on injuries and therapeutic exercise and modalities. This class is a great addition to the schedule of any athlete or anyone interested in a career in medicine.

## Miscellaneous

**Driver Education (10, 11, 12)**

(.50 credit) **69240000** Age 16 before Jan. 1st

(.50 credit) **69238000** Age 16 after Jan. 1st

(10th graders will receive 1st choice by age)

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This class (at the conclusion) will allow you to get your license without having to take the written and road test at the Driver's License Division. The requirements to pass this class are as follows: read the text, read the Drivers Handbook, drive on the road for three hours, drive on the range for four hours, simulator for eight hours, classroom attendance, pay the required fees, and to be able to check the transmission, engine oil, antifreeze, power steering, brake fluid and battery water, and be able to jump start an automobile. If you do not pass the class, you will need to find an alternative way of obtaining your driver license.

**Naval Science I JROTC (9, 10, 11, 12)**

(1.0 credit) **68281000**

**Prerequisite:** None



**Meets Graduation Requirement:** ELE

The Navy Junior ROTC Program is designed to teach leadership and good citizenship. This is accomplished through a broad-based academic program that includes leadership, oceanography, basic seamanship, naval history, first aid, sea power, maritime geography, and more. Academics are balanced with a practical leadership development program designed to build self-discipline and self-confidence. A variety of extracurricular activities provide additional opportunities for students to develop their self-confidence and put their leadership skills to practical use. These include repelling, hiking, camping, sailing, and more. The following ongoing activities are conducted throughout the year and give students the chance to compete against JROTC students from throughout Utah: Academic Team, Drill Team, Air Rifle and Air Pistol Marksmanship Teams, and Color Guard. Trips to military bases/ships are also conducted with interested students.

**Naval Science II (10, 11, 12)**

(1.0 credit) **68280000** Science-every third year

**Prerequisite:** Naval Science I

**Meets Graduation Requirement:** ELE

This course builds on the skills and knowledge gained in Naval Science I. Students have greater leadership opportunities and will help lead and train Naval Science I students. Academic subjects include naval history, meteorology, astronomy, physical science, oceanography, maritime geography, and more.

**Naval Science III (10, 11, 12)**

(1.0 credit) **68279000** History-every third year

**Prerequisite:** Naval Science I

**Meets Graduation Requirement:** ELE

Students in this course typically have a significant role in planning and conducting the various NJROTC activities throughout the year. Academic subjects include sea power and national security, naval operations, military law, ship construction, shipboard organization, watch standing, basic seamanship and naval weapons and aircraft.

**Naval Science IV (10, 11, 12)**

(1.0 credit) **68284000** Leadership-every third year

**Prerequisite:** Naval Science I

**Meets Graduation Requirement:** ELE

Naval Science IV students fill the top leadership positions and provide overall guidance and leadership. The course focuses on leadership and ethics readings and discussions, and "hands-on" leadership experience in running the NJROTC unit.

Miscellaneous

**AVID (9, 10, 11, 12)**

(1.0 credit) **69230000 (9)**

(1.0 credit) **69230010 (10)**

(1.0 credit) **69230020 (11)**

(1.0 credit) **69230030 (12)**

**Prerequisite:** Students must apply and be accepted into this course.

**Meets Graduation Requirement:** ELE

This course is an academic support class for students that have a desire and determination to excel in upper-level courses. Student will be required to complete assignments outside of class. Community service and participation in extracurricular activities are expected of all AVID students.

**Reading II (9, 10, 11, 12)**

(1.0 credit) **60222000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course enhances critical reading skills by focusing on reading comprehension strategies, fluency, vocabulary building and word recognition. Where appropriate some phonics will be included. Various forms of expository writing will also be a significant component. This course is designed as a learning foundation for graduation from high school.

**Reading III (10, 11, 12)**

(1.0 credit) **60230000**

**Prerequisite:** Reading II recommended

**Meets Graduation Requirement:** ELE

This course builds on skills and strategies learned in Reading II. Students will be taught to deconstruct and comprehend various forms of expository text. Increased emphasis on writing will enable continued success in higher level academics. This course is designed to fulfill an elective credit and provide students with UBSCT preparation and support.

**Study Skills Latinos (9, 10, 11, 12)**

(1.0 credit) **69374000**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** ELE

This course is known as the Latinos in Action. This class was developed to enhance the linguistic affect, the social affect, and the cognitive effect of the Latino student, while serving their younger Latino peers as role models, mentors, and tutors. The objective is to help students create a vehicle that will allow them to perform on a "stage" wherein they may gain and improve social skills, academic attainment, and linguistic proficiency.

**Yearbook (10, 11, 12)**

(1.0 credit) **69292000**

**Prerequisite:** Yearbook Advisor Permission Required

**Meets Graduation Requirement:** ELE

Knowledge of the latest technological techniques will be taught using Macintosh

computers, such as advanced computer graphics and page design, electronic composition using scanning, Photoshop and Illustrator techniques; lab management including software updating and installation, and networking and server management; journalism skills, and/or photography, including dark room skills. Advanced students will focus on leadership skills, mentoring beginning students; the organization and creative design of the book; submitting of pages to a national publisher, by Internet at times. As an end product, students will be required to demonstrate how they have applied their technological skills in the publication of the West High Panther yearbook.

**Teacher Aide (7, 8, 9, 10, 11, 12)**

(1.0 credit)

**Prerequisite:** Counselor and Teacher Approval

**Meets Graduation Requirement:** ELE

Students in grades 7-12 are eligible to be student aides as long as they have the approval of the teacher and are not failing any of their classes. Students will help the teacher with whatever tasks they need them to do to help them in their classes such as taking attendance, recording papers, passing out papers, etc.

**Main Office Aide (9, 10, 11, 12)**

(1.0 credit) **69201000**

**Prerequisite:** Administration or Counselor Recommendation

**Meets Graduation Requirement:** ELE

**Office Aides will serve as receptionists and assistants in the Main Office. They will receive either a pass or fail grade.**

**Attendance Office Aide (9, 10, 11, 12)**

(1.0 credit) **69202000**

**Prerequisite:** Administration or Counselor Recommendation

**Meets Graduation Requirement:** ELE

Office Aides will serve as receptionists and assistants in Student Services. They will answer and direct incoming calls to the school. They will receive either a pass or fail grade.

**Library Aide (9, 10, 11, 12)**

(1.0 credit) **69204000**

**Prerequisite:** Librarian Recommendation

**Meets Graduation Requirement:** ELE

**Students are introduced to information retrieval and to library procedures. Satisfactory citizenship is required, since students assist patrons in the Library Learning Center.**

**Counselor Aide (9, 10, 11, 12)**

(1.0 credit) **69205000**

**Meets Graduation Requirement:** ELE

Students in grades 9 through 12 are eligible to be student aides as long as they are not failing any of their classes. Students will be greeting visitors to West High School, answering the phone and running errands when requested. This class is set up to help the students learn how to interact with the public. They will learn the correct way to answer the phone and relay messages. Our objective is that by the end of the school year the students will be able to act in a professional manner when interacting with the public.

**Color Guard (Winter Guard) (9, 10, 11, 12)**  
(1.0 credit) **68301000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

**Stage Crew (9, 10, 11, 12)**  
(1.0 credit) **67941000**

**Prerequisite:** Teacher approval

**Meets Graduation Requirement:** ELE

This course is designed to provide students the opportunity to work with staging, lighting and sound in the auditorium. Students must be willing to meet rehearsal schedules before and after school. It is recommended that students registering for Stage Crew have a basic knowledge of electricity and sound.

**Released Time - Seminary (9, 10, 11, 12)**  
(0.0 credit) **69901000**

**Prerequisite:** None

**Meets Graduation Requirement:** None

The student will have the opportunity during the four years of high school to study the Old Testament, New Testament, Book of Mormon, and Church History/Doctrine & Covenants.

## English as a Second Language (ESL)

ESL courses are available for English language learners to fulfill graduation requirements while improving their English skills. ESL courses offer specialized instructional techniques and curriculum content to help students with English language development. ESL students will register with the help of the school's ESL team. LEP (Limited English Proficiency) courses are taught by teachers who use sheltered instructional techniques to help students better understand content curriculum.

**English Language Development I (9, 10, 11, 12)**  
(1.0 credit) **60859100**

**Prerequisite:** ESL Teacher Recommendation

**Meets Graduation Requirement:** ELE

This is an intensive course of communicative and academic English instruction. The course is

designed for students identified as English Language Learners (ELLs) at the beginning levels of oral fluency, reading and writing in English. Students may have varying levels of academic proficiency in their primary languages.

**English Language Development II (9, 10, 11, 12)**

(1.0 credit) **60859200**

**Prerequisite:** ESL Teacher Recommendation

**Meets Graduation Requirement:** ELE

This is an intensive course of communicative and academic English instruction. The course is designed for students identified as English Language Learners (ELLs) at the emergent levels of oral fluency, reading and writing in English. Students may have varying levels of academic proficiency in their primary languages.

**English Language Development III (9, 10, 11, 12)**

(1.0 credit) **60859300**

**Prerequisite:** ESL Teacher Recommendation

**Meets Graduation Requirement:** ELE

This is an intensive course of communicative and academic English instruction. The course is designed for students identified as English Language Learners (ELLs) at the intermediate levels of oral fluency, reading and writing in English. Students may have varying levels of academic proficiency in their primary languages.

**English Language Development IV (9, 10, 11, 12)**

(1.0 credit) **60859400**

**Prerequisite:** ESL Teacher Recommendation

**Meets Graduation Requirement:** ELE

This is an intensive course of communicative and academic English instruction. The course is designed for students identified as English Language Learners (ELLs) at the advanced levels of oral fluency, reading and writing in English. Students may have varying levels of academic proficiency in their primary languages. A fifth level ELD is designed for students preparing to exit the ESL program at the advanced levels continuing focus on oral fluency, reading and writing in English. Students may have varying levels of academic proficiency in their primary languages.

**Language Arts ESL I (9, 10, 11, 12)**

(1.0 credit)

**60804000** Language Arts ESL 9 ESL I

**60815000** Language Arts ESL 10 ESL I

**60828000** Language Arts ESL 11 ESL I

**60840000** Language Arts ESL 12 ESL I

**Prerequisite:** QIA or IPT test administered by ALS Coordinator, ALS Coordinator Permission Required

**Meets Graduation Requirement:** L9, L10, L11, L12

This course is designed for students who have a receptive - active vocabulary in English of at least 1500. They have fairly good comprehension but need continued intensive English Language Development. This course provides English instruction through thematic units in literature, writing, reading, and vocabulary. The emphasis of this class is to give students more instruction in conversational and survival English (BICS) and developing more proficiency in academic language (CALP).

**Language Arts ESL II (9, 10, 11, 12)**

(1.0 credit)

**60805000** Language Arts ESL 9 ESL II

**60816000** Language Arts ESL 10 ESL II

**60829000** Language Arts ESL 11 ESL II

**60841000** Language Arts ESL 12 ESL II

**Prerequisite:** QIA or IPT test administered by ALS Coordinator, ALS Coordinator Permission Required

**Meets Graduation Requirement:** L9, L10, L11, L12

This course is designed for students who have a receptive - active vocabulary in English of at least 3000. They have fairly good comprehension but need continued intensive English Language Development. This course provides English instruction through thematic units in literature, writing, reading, and vocabulary. The emphasis of this class is to give students more instruction in conversational and survival English (BICS) and developing

**Language Arts ESL III (9, 10, 11, 12)**

(1.0 credit)

**60806000** Language Arts ESL 9 ESL III

**60817000** Language Arts ESL 10 ESL III

**60830000** Language Arts ESL 11 ESL III

**60842000** Language Arts ESL 12 ESL III

**Prerequisite:** QIA or IPT test administered by ALS Coordinator, ALS Coordinator Permission Required

**Meets Graduation Requirement:** L9, L10, L11, L12

This course is designed for students who have a receptive - active vocabulary in English of at least 4000. They have fairly good comprehension but need continued intensive English Language Development. This course provides English instruction through thematic units in literature, writing, reading, and vocabulary. The emphasis of this class is to give students more instruction in conversational and survival English (BICS) and developing more proficiency in academic language.

**Language Arts ESL IV (9, 10, 11, 12)**

(1.0 credit)

**60807000** Language Arts ESL 9 ESL IV

**60818000** Language Arts ESL 10 ESL IV

**60831000** Language Arts ESL 11 ESL IV

**60843000** Language Arts ESL 12 ESL IV

**Prerequisite:**

**Meets Graduation Requirement:** L9, L10, L11, L12

This course provides students with the continued study of English language proficiency. Increasing writing skills, reading comprehension, understanding language, speaking and listening skills will be the central focus of this class

**Writing I ESL (9, 10, 11, 12)**

(1.0 credit) **60066000**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** ELE

This course is designed to help students improve their English skills in reading, writing, and oral language. Students will value the power of reading and writing in their lives and will be motivated to read widely. They will experience what it means to be capable and confident in their English language. They will achieve success on their yearly English/Language Arts exams with a focus on preparing for graduation and a promising future.

**Writing II ESL (9, 10, 11, 12)**

(1.0 credit) **60062000**

**Prerequisite:** Teacher Recommendation

**Meets Graduation Requirement:** ELE

This course is designed to help students improve their English skills in reading, writing, and oral language. Students will value the power reading and writing in their lives and will be motivated to read widely. They will experience what it means to be capable and confident in the English language. They will achieve success on their yearly English/Language Arts exams with a focus on preparing for graduation and a promising future.

## OFF CAMPUS

Most classes provided by the Technology Center are “open entry-open exit”, meaning that students may enroll on any Monday during the school year. Credit is issued based on the skills gained, class participation, and days of enrollment/attendance. All classes meet the requirement for a vocational credit for graduation.

**Transportation NOTE: Supervised district bus transportation is provided to Career & Technical Center classes from each high school, every day and every period. CTC classes are only offered 2nd through 4th periods. Students may, with the proper paper work on file with the CTC, drive themselves to the CTC campus.**

**3D Graphics (10, 11, 12)**

(.50 credit) **67419000**

**Prerequisite:** Computer Tech and Multimedia I, Drawing graphics and other art courses are highly recommended

**Site Location:** Career & Technical Center

3D Graphics and Animation students will learn the techniques of computer generated imaging. These skills are used in video game design and special effects in films. A history of animation is also included. Career opportunities in 3D Graphics and Animation include video animator, video game designer, special effects technician, film maker, and advertising.

**3D Animation (10, 11, 12)**

(.50 credit) **67419300**

**Prerequisite:** Computer Tech and Multimedia I. Drawing, Graphic Arts and other Art course are highly recommended.

**Site Location:** Career & Technical Center

3D Animation students will continue the processes learned in 3D Graphics. 3D animation puts the characters and objects produced into motion. Career opportunities in 3D Graphics and Animation include video animator, video game designer, special effects technician, and film maker.

**Advanced 3-D Graphics (11, 12)**

(.50 credit) **67419000**

**Prerequisite:** 3-D Graphics

**Site Location:** Career & Technical Center

Students enrolled in advanced 3-D classes will continue to develop skills related to the gaming and animation industries. Character development, bi-pedal work and background art are stressed. Career opportunities in 3D Graphics and Animation include video animator, video game designer, special effects technician, and film maker.

**Advanced 3-D Animation (11, 12)**

(.50 credit) **67419300**

**Prerequisite:** 3-D Animation (should be taken sequentially)

**Site Location:** Career & Technical Center

Students enrolled in advanced 3-D classes will continue to develop practical application skills related to animation industries. Career opportunities in 3D Graphics and Animation include video animator, video game designer, special effects technician, and film maker.

**Intermediate Graphics Communication (10, 11, 12)**

(1.0 credit) **67420200**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

**Lab fees may be required**

This course includes further instruction in printing, litho-graphic equipment and operation. Students will learn multi-color printing skills need to produce offset and screen-printed projects.

**Course Highlights**

- Visualize, design, and produce multi-color T-shirts, note-pads, and stickers.
- Apply effective principles and techniques to project de-signs.
- Use the same design, image manipulation, and printing technologies as professional designers.

**Auto Collision Repair Technician (10, 11, 12)**

(.50-1.0 credit) **67235300**

**Fall and Spring Semester**

**Prerequisite:** None

**Site Location:** East & West High

This class prepares students to repair automotive uni-bodies, fenders, and frames of automobiles. It includes instruction in body sheet metal preparation, painting and finishing. The Automotive Service Excellence (ASE) test task list is the basis for the class. Career opportunities include auto body repair technician, auto body painter, and auto body repair estimator.

**Barbering I – CTC (11, 12)**

(1.0 credit) **67140000** Semester double block

**Prerequisite:** None

**Site Location:** Career & Technical Center

One semester (this is a double period course on one day) barbering is a key component in the Cosmetology pathway. There are many jobs currently available in this field. Students learn basic cuts, styling, shaving, as well as small business practices. This course will give students 200 hours of classroom work towards a Barbering license. The balance of hours can be completed in a lab situation at “The Barber School”

**Barbering II – CTC (11, 12)**

(.50 credit) **67142000**

**Prerequisite:** Barbering I

**Site Location:** Career & Technical Center

This semester course is designed to teach students advanced barber techniques and principles in both theory and practical work. This course is a continuation of the Barber I course. Students must have completed Barber I with a passing grade. Students are taught through daily lecture/theory work, practical experience, demonstrations, and possible field trips. Career opportunities include barber, beauty shop operator, hair dresser, cosmetologist and small business operator.

**Biology Agriculture Science (9, 10, 11, 12)**

(.50-1.0 credit) **67927000**

**Fall and Spring Semester Site Location:**  
Highland High School

This course is designed to meet the requirements for a non-laboratory science requirement for high school credit. The content of this course directly relates to the study of plant/animal culture and development. Career opportunities include botanist, florist, landscape designer nursery operation and landscape management.

**Certified Nurse Assistant CNA (11, 12)**

(1.0 credit) **67933000**

**Prerequisite:** Computer Tech, Students must be enrolled in the Health Professions Academy

**Site Location:** Career & Technical Center

This course teaches terminology, human anatomy/physiology, understanding of diseases, therapeutic communication skills, meeting the needs of the chronically ill, and an introduction to various health occupations. An industry license as a CNA is the ultimate goal of this course.

**Commercial Air Pilot (11, 12)**

(1.0 credit) **67413000**

**Prerequisite:**

**Site Location:** Career & Technical Center

This course provides students with a combination of aviation history and fundamentals. Students will discover significant aviation developments and how they came about as well as principals of flight, aircraft & engine operations, weather, navigation, and radio communications as required by FAA regulations. Students will be prepared to begin flight training.

**Companion Animal Science (9, 10, 11, 12)**

(.50 credit) **67239000**

**Fall and Spring Semester**

**Site Location:** Career & Technical Center

This course is designed to enhance students' basic understanding of companion animals- equine, feline and canine. A goal of this program is to promote respect and compassion for all species through education. The curriculum will cover a broad variety of areas including ethnology, zoology, career exploration, animal behavior, training and learning theories, genetics, and health care. Students will work in a classroom setting as well as hands-on experiences in animal related community education. This course is recommended for anyone interested in a career in an animal related field.

**Computer A+ (9, 10, 11, 12)**

(1.0 credit) **67291000**

**Prerequisite:** Computer Tech

**Site Location:** Career & Technical Center

A year-long program in computer and network support. Students will be prepared to take the

industry A+ Certification Test in computer service and repair. Job shadowing and internships are available.

**Computer Network + (9, 10, 11, 12)**

(1.0 credit) **67292000**

**Prerequisite:** Computer Tech

**Site Location:** Career & Technical Center

A year-long course in computer networking skills. Students learn to install, configure and troubleshoot networking hardware and protocols. This class prepares students to take the Comp TIA Network + exam. Career opportunities include network administrator, network security manager, and network technician.

**Criminal Justice (CJ 1010) – CTC (10, 11, 12)**

(1.0 credit) **63610000** Semester

**Prerequisite:** None

**Site Location:** Career & Technical Center

This concurrent course offers both high school and college credit. Students will learn to identify the police role in society, the causes of crime, the laws of arrest and search and seizure, correct procedures for handling evidences and career opportunities in the law enforcement fields. This course follows the Salt Lake Community College curriculum.

**Digital Photography (11, 12)**

(1.0 credit) **66224000**

**Prerequisite:** Photo II or Photo I and a portfolio

**Afternoon Site Location:** Career & Technical Center

This class is an extensive look at the practices, equipment and techniques used in commercial digital photography. The class will focus on shooting styles for product photography, portraits, catalog and advertising photography. Adobe Photoshop will be explored in learning retouching, photo montage, glamour and photographic file preparation.

**EMT Basic Certificate (11, 12)**

(1.0 credit) **679422000** Semester

**Afternoon Prerequisite:** Medical Anatomy & Physiology I

**Site Location:** Career & Technical Center

This class will prepare students to take the state EMT Basic certification test. Taught by EMS professionals from The Vital EMS Academy, the class will cover all phases of emergency health care from first response to emergency room procedures. The course work includes supervised ambulance ride-along and a shift in a hospital emergency room.

**Emergency Medical Responder (10, 11, 12)**

(.50 credit) **67942020**

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This class is for students who are interested in becoming early emergency responders in the event of an emergency. They will receive basic training in providing out-of-hospital care in medical emergencies.

**Fire Science I (12)**

(1.0 credit) **67945000**

**Prerequisite:** None

**Site Location:** Career & Technical Center

This is a program with a sequence of courses that prepares individuals to perform the duties of a firefighter. Instruction includes training in safety, firefighting, equipment operation, maintenance, and the principles of fire science.

**Guide Dog (10, 11, 12)**

(1.0 credit) **672390003**

**Prerequisite:** Companion Animal Science, Instructor approval

This class is designed to give students a hands-on opportunity to raise a Guide Dog puppy. The puppy will live with the student for the school year. Other students, who may not be able to have a dog live with them can act as support members. The support students have opportunities to work with the dog during the school day. Students learn about training, health care, grooming, career exploration and more. The students will also be members of the FFA student organization and will learn more about what FFA offers.

**Intro to Forensic Science (10, 11, 12)**

(.50 credit) **67916000**

Grades 10, 11, 12

**Prerequisite:** Law Enforcement or Criminal Justice

**Site Location:** Career & Technical Center

One semester

This course covers the importance of locating, collection and preservation of physical evidence at crime scenes. Included are crime laboratory techniques and services in examination of evidence

**Law Enforcement (10, 11, 12)**

(.50 credit) **63232000**

**Prerequisite:** None

**Site Location:** CTC

Upon completion of this course students should be able to identify the police role in society, the causes of crime, the laws of arrest and search and seizure, correct procedures for handling evidence, and career opportunities in the law enforcement fields.

**Medical Assistant (12)**

(2.0 credit) **67936000**

**Fee: \$75.00 (Check with CTE Coordinator)**

**Prerequisite:** Medical Anatomy & Physiology I and official transcripts, see CTE Coordinator

**Site Location:** Career & Technical Center classes are daily Monday-Friday 1:15-4:00  
This course prepares students to take the state board of education test for Utah Endorsed Medical Assistant Certification. This class covers skills needed to work in a physician's office. Medical records management, Phlebotomy, Telephone triage, minor surgical procedures, injections, billing and coding, IV placement, and much more are covered in this engaging class. Students meet daily Monday-Friday from 1:15-4:00, students need to provide transportation home from the CTC.

#### **Nail Technician A – CTC (10, 11, 12)**

(1.0 credit) **67180000** Semester double block

**Lab fee may be required**

**Prerequisite:** None

**Site Location:** Career & Technical Center  
Nail Technology is one of the fastest growing, most creative, rewarding and high paying professions in cosmetology today. An extensive study of the art, science, hygiene and personal service on the manicure, and nail enhancements business. Students will design, sculpt, and apply variations of nail enhancements. Salon business management, professional job skills, and life skills will also be a part of this course. A combination of these 2 courses (Nail Tech A and B) will provide 50 hours of the 300 hours required towards your state licensure, along with a \$400 discount on tuition at Twin Shears Academy. No kit fee required and all supplies provided.

#### **Nail Technician B – CTC (11, 12)**

**67182600** Semester double block

**Lab fee may be required**

**Prerequisite:** Nail Tech A

**Site Location:** Career & Technical Center  
A continuation on Nail Tech A with enhanced training in all areas including an extensive study of the art, science, hygiene, and personal service on the manicure and nail enhancements business. Students will design, sculpt, and apply variations of nail enhancements. Salon business management, professional job skills, and life skills will also be a part of this course. A combination of these 2 courses (Nail Tech A & B) will provide 50 hours of the 300 hours required towards your state licensure, along with a \$400 discount on tuition at Twin Shears Academy. No kit fee required and all supplies provided.

#### **Orientation to Education (ED 1010) (11, 12)**

(1.0 credit) **67348000**

**Prerequisite:** none

**Meets Graduation Requirements:** ELE

Have you thought about becoming a teacher? This course will cover teaching as a career;

challenges and rewards, history, philosophies, social issues, legal issues, job availability, and governance. This course is a preparation for acceptance into a teacher education program. Field experience required.

#### **Real Estate Intro (10, 11, 12)**

(1.0 credit) **67910000**

**Prerequisite:** None

**Meets Graduation Requirement:** Career & Technical Education

Students will be introduced to real estate basics that include the real estate business, usage of land, land description, ownership, contracts, deeds, mortgages, title search and closes, liens, financing sources, the appraisal process, investments in real estate, and the sales and marketing process. Students will broach real estate marketing and sales through ethics, human, employee, and customer relations, use of product knowledge, and the use of advertising and the media. Exposure to real estate terminology, forms, and contracts is an integral part of this class.

#### **Teaching Academy(ED 1010) (11, 12)**

(1.0 credit) **67343000**

**Prerequisite:** none

**Meets Graduation Requirements:** ELE

Have you thought about becoming a teacher? This course will cover teaching as a career; challenges and rewards, history, philosophies, social issues, legal issues, job availability, and governance. This course is a preparation for acceptance into a teacher education program. Field experience required.

#### **Welding Technician-Entry Level (9, 10, 11, 12)**

(1.0 credit) **67249200**

**Prerequisite:** none

**Site Location:** Highland High School

Students will learn basic welding skills in gas metal arc welding, shielded metal arc welding and oxy-fuel cutting that will prepare them to apply technical knowledge and skill in the workplace. Students will learn and practice knowledge, attitude, skills and habits required for performing job tasks safely and efficiently.

#### **Welding Technician-Intermediate Level (10, 11, 12)**

(1.0 credit) **67249300**

**Prerequisite:** Welding-Entry Level

**Site Location:** Highland High School

Students will learn intermediate welding skills in flux cored arc welding, gas tungsten arc welding, air carbon arc welding and plasma cutting that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills and habits required for performing tasks, including the selection and use of appropriate

techniques and equipment with minimum supervision.

#### **Welding Technician-Advanced Level (11, 12)**

(1.0 credit) **67249400**

**Prerequisite:** Welding Intermediate Level

**Site Location:** Highland High School

Students will learn more advanced skills in, GMAW, SMAW, FCAW, GTAW, CAC-A, oxy-fuel cutting and robotic plasma cutting processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills and habits required to perform tasks, including the selection and use of appropriate techniques and equipment with minimum supervision.

## CONCURRENT COURSES

A student is enrolled and earns credit at their home school and another educational institution simultaneously, which they must be enrolled at. Some classes may require pre-testing with the CTE coordinator in room 318. Students requesting college credit must be in either 11<sup>th</sup> or 12 grade.

#### **Basic Film Photography (ART 1310) (11, 12)**

(1.0 credit) **66225100**

**Lab fee required**

**Prerequisite:** Design and Visual Communication

**Meets Graduation Requirement:** CTE

This course teaches photographic techniques to communicate ideas and information to business and consumer audiences. Instruction focuses on cameras, equipment operation, and maintenance. Course emphasis is on black and white photography including exposure, developing, and enlarging techniques.

#### **Intro to Biology with Lab (BIOL 1010/1015) West (11, 12)**

(1.0 credit) **62516000**

**Prerequisite:**

**Meets Graduation Requirement;**

A survey of living diversity from bacteria to plants and animals. Introduces cell structure and physiology, inheritance, evolution, and classification. Important aspects of plant biology are illustrated. Laboratory study, experimentation, and analysis illustrating important biological principles.

#### **Biotechnology II (BETC 1020) (11, 12)**

(1.0 credit) **67929800**

**Prerequisite:** Biotech I

Emphasis on the nature of proteins and various techniques used to purify and analyze. Presentation of industry standards; including

good manufacturing and lab practices, quality control, assurance and validation.

**Orientation to Education Teaching Academy(ED 1010) (11, 12)**

(1.0 credit) **67343000**

**Prerequisite:** none

**Meets Graduation Requirements:** ELE

Have you thought about becoming a teacher? This course will cover teaching as a career; challenges and rewards, history, philosophies, social issues, legal issues, job availability, and governance. This course is a preparation for acceptance into a teacher education program. Field experience required.

**English 1010 (ENGL 1010) West (12, 11eg)**

(1.0 credit) **60610000**

**Prerequisite:** ACT Reading Score 20+ or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** L12

This course will fulfill the English requirement for graduation and also the requirements of most colleges and universities. Students will acquire knowledge that reading, writing and critical thinking are a foundation of nearly everything they face in future college classes. The purpose of this class is to promote critical literacy by teaching the processes of reading, writing, and thinking. The course follows the Salt Lake Community College curriculum.

**Adult Roles and Financial Literacy (FHS 2400) West (12)**

(.50 credit) **67238400**

**Prerequisite:** none

**Meets Graduation Requirement:** CTE, FL

This course prepares students to understand the nature, function and significance of human relationships integrated with general financial literacy. Topics include: decision making to set and implement financial goals, values, communication skills, self-awareness, families, sources of income and the relationship between income and career preparation, crisis management, marriage preparation, marriage, money management, saving, investing, parenting, and retirement planning. Students who complete the entire course fulfill the General Financial Literacy graduation requirement. FCCLA student leadership organization may be an integral part of the course.

**Intro Early Childhood Education (FHS 2600) (11, 12)**

(1.0 credit) **67624000** Semester

**Prerequisite:** Child Development and Child Care I

**Meets Graduation Requirement:** CTE

This course prepares individuals for careers in child care, guidance, and early childhood

education. Child care experiences include: program planning and management, resource and facility management, supervising recreational and play activities, preparing and implementing a large variety of learning experiences for children, and the application of individual teaching skills, and preparation for a career and/or entrepreneurial opportunities. The primary focus of this class is hands-on, on-site or off-site teaching experiences. Student leadership (FCCLA) may be an integral part of this course.

**Medical Terminology (MA1100) (11, 12)**

(.50 credit) **67630000** Semester

**Prerequisite:** None

**Meets Graduation Requirement:** CTE

This course provides students with an in-depth study of health care careers including actual clinical experience in a variety of areas. Instruction includes intermediate anatomy and physiology, medical terminology, diseases, and disorders, medical ethics and first aid. The class is designed to prepare students for Health Science and/or for a variety of health technology programs.

**Intermediate Algebra (Math 1010) (11, 12)**

(1.0 credit) **61614000**

**Prerequisite:** ACT Math score 20+ or College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

This course will fulfill a math requirement for graduation and also the requirement for most colleges and universities. This course will include: linear and quadratic equations; inequities; polynomials; rational expressions; radicals; negative and rational exponents; complex numbers; linear systems; introduction to functions; logarithms; and exponential functions. The course follows the Salt Lake Community College curriculum.

**College Algebra (Math 1050) (11, 12)**

(1.0 credit) **61616200**

**Prerequisite:** College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

College Algebra satisfies quantitative literacy requirements for students planning to take calculus. Topics: polynomial, rational, exponential, and logarithmic functions; matrices; conics; sequences and series; and mathematical induction.

**Trigonometry (Math 1060) (11, 12)**

(1.0 credit) **61617000**

**Prerequisite:** College Placement Test (See CTE Coordinator for details)

**Meets Graduation Requirement:** MAT

Trigonometric functions and their graphs developed using circular and triangular

methods including inverses; polar coordinates; and an introduction to vectors.

**Private Pilot Ground School (PLT 1100) (11, 12)**

(.75 credit) **67414800** Semester

**Prerequisite:** none

**Meets Graduation Requirements:** ELE

This course provides students with a combination of aviation history and fundamentals. Students will discover significant aviation developments and how they came about as well as principals of flight, aircraft & engine operations, weather, navigation, and radio communications as required by FAA regulations. Students will be prepared to begin flight training.

**Aircraft Systems (PILT 1420) (11, 12)**

(1.0 Credit) **67414200**

**Prerequisite:**

**Meets Graduation Requirements:** ELE

An introductory course to prepare pilots with an understanding of aircraft systems, components and basic operations common to all aircraft. The course covers power plants, fuel and electrical systems.

**Aviation History (PLT 1050) (11, 12)**

(1.0 credit) **67414300** Semester

**Prerequisite:**

**Meets Graduation Requirements:** ELE

This is an introductory course to the history of aviation from the earliest times through the modern jet age. Students will discover significant aviation developments and how they came about.

**Aviation Weather (PILT 1020) (11, 12)**

(1.0 credit) **67414600**

**Prerequisite:**

**Meets Graduation Requirements:** ELE

This course will introduce students to the effects of weather on aviation. Specific emphasis will be placed on weather information available to pilots and how it is used.

## SPECIAL EDUCATION

Salt Lake City School District recognizes that students with disabilities have diverse educational needs. In order to provide an educational opportunity that is appropriate for students receiving special education, Salt Lake City School District has varied options for eligible students to access the general education curriculum. The student's individualized education plan (IEP) determines the most appropriate option. Courses may not be offered every year. Special Education

courses have been retitled using Roman Numerals to designate specific categories: SCI=LD; SCII=ID; SCIII=BD; SCIV=Severe

**Language Arts, Resource (9, 10, 11, 12)**

**Prerequisite:** None

**Meets Graduation Requirements:** L9, L10, L11, L12

This is a course in reading, writing, and inquiry for students who qualify under an IEP.

**Language Arts 9**

(1.0 credit) **60808000**

The ninth grade language arts course connects reading instruction with writing for multiple purposes. The course continues intensive practice and study of informational and literary reading and writing. Students read extensively from a variety of sources, and draft, revise, and edit their own writing.

**Language Arts 10**

(1.0 credit) **60819000**

**Language Arts 11**

(1.0 credit) **60832000**

**Language Arts 12**

(1.0 credit) **60844000**

**Reading, Resource (9, 10, 11, 12)**

(1.0 credit) **60851000, 60852000, 60853000, 60854000**

**Prerequisite:** None

**Meets graduation requirement:** ELE

This course is designed to meet the reading needs of students who are reading on a 6th grade level or below. The curriculum is designed to help students improve and develop their reading skills so that they can be more successful in their content area classes as well as their everyday lives.

**Applied Skills, Resource (9, 10, 11, 12)**

(1.0 credit) **69322000, 69323000**

**Prerequisite:** None

**Meets Graduation Requirements:** ELE

Students identify their gifts and talents. They discover what they are good at, how they learn best and how to develop their skills. Students learn basic information about being a successful student, and begin the process of learning about further education such as college and trade school.

**Secondary Math I (9, 10, 11, 12)**

(1.0 credit) **61030000**

**Prerequisite:** Pre-Algebra

**Meets Graduation Requirement:** MAT

The fundamental purpose of Mathematics I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend.

Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Secondary Math II (9, 10, 11, 12)**

(1.0 credit) **61050000**

**Prerequisite:** Secondary Math I

**Meets Graduation Requirement:** MAT

The focus of Mathematics II is on quadratic expressions, equations and functions; comparing their characteristics and behavior to those of linear and exponential relationship from Mathematics I as organized into 6 critical areas or units. The need for extending the set of rational numbers arises and real 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. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Community Based Training (9, 10, 11, 12)**

(1.0 credit) **67044000, 67045000, 67046000 & 670470**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

The emphasis of this class is to help students become more competent and independent in the community. Skill focus includes: social, communication, support systems access, emergency awareness, transportation independence, leisure/recreation, daily living skills, and personal management.

**Employment Skills, (9, 10, 11, 12)**

(1.0 credit) **67066000, 6706700, 67068000 & 67069000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

The emphasis of this class is to help students become more competent and independent with vocational and employment ready skills. Instruction includes: employment options and outcomes, staying on task, following

directions, varying task proficiency, job development strategies, job-shadowing, work study/release, and career decision making.

**Health, SC (9, 10, 11, 12)**

(.50 credit) **68101000, 68102000, 68103000, 68104000**

**Prerequisite:** None

**Meets Graduation Requirement:** HE

This course is a required core curriculum course that builds on the concepts and principles developed in Health 1 including developing knowledge, skills, and attitudes necessary for practicing lifelong health enhancing behaviors.

Emphasis in this course is on learning to live a healthy lifestyle: nutrition, grooming, manners, and the importance of fitness and ecology. Academic credit in Health is awarded to students who complete this class successfully in accordance with their Individual Education Plan. May not be offered every year.

**Language Arts, SC (9, 10, 11, 12)**

(1.0 credit) **60809000, 60820000, 60833000, 60845000, 60810000, 60821000, 60834000, 60846000, 60811000, 60822000, 60835000, 60847000, 60812000, 60823000, 60836000, 60848000**

**Prerequisite:** None

**Meets Graduation Requirement:** L9, L10, L11, L12

Emphasis of this class is on developing reading and writing skills. Short stories, poems and novels are introduced. Academic credit is awarded to students who complete this class successfully in accordance with their Individualized Education Plan.

**Life Skills, SC (9, 10, 11, 12)**

(1.0 credit) **67056000, 67057000, 67058000, 67059000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

The emphasis of this course is to assist students to become as independent in life as possible; including: hygiene, cooking, social, and personal management.

**Reading, SC (9, 10, 11, 12)**

(1.0 credit) **60852000, 60853000, 60854000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

Emphasis of this class is on phonics, word recognition, vocabulary building, comprehension skills and fluency. Academic credit is awarded to students who complete this class successfully in accordance with their Individual Education Plan.

**Science, SC (Biology) (9, 10, 11, 12)**

(1.0 credit) **62801000, 62802000, 62803000**

# INTERNATIONAL BACCALAUREATE COURSES

**Prerequisite:** None

**Meets Graduation Requirement:** SCI

Academic credit in Science is awarded to students who complete this class successfully in accordance with their Individual Education Plan.

## **Earth Science I (9, 10, 11, 12)**

(1.0 credit) **62805400**

**Prerequisite:** None

**Meets Graduation Requirement:** SCI

This course integrates content from earth, physical, space, and life sciences. Students develop an understanding of interactions and interdependence within and between earth systems and biological systems, atmospheric systems, water systems, geologic systems, energy systems, and space.

## **SC Daily Life Skills (9, 10, 11, 12)**

(1.0 credit) **67048000, 67049000, 67050000, & 67051000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

This course's emphasis is directed to the student in the areas of morals, values, social decorum, etc. Academic credit is awarded to students who complete this class successfully in accordance with their Individual Education Plan.

## **Directed Studies III (9, 10, 11, 12)**

(1.0 credit) **69303000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

All courses are designed for students who are served under an Individual Education Program (IEP) in accordance with the Individuals with Disabilities Education Act. Emphasis is on functional academics in reading, math, written expression, and social skills to support adult outcomes. Students IEP goals will be implemented throughout the year including integration into the general education population as is appropriate. Students will develop pre-vocational skills, community access and independent living training.

## **SC Social Studies (9, 10, 11, 12)**

(1.0 credit) **63021000, 63131000, 63132000**

**Prerequisite:** None

**Meets Graduation Requirement:** SSE

This course will study functions of the United States Government, Bill of Rights, and the Court System. This course will also study World History with emphasis on twentieth century application. Major improvements and events of World History, will be included. Academic credit in Social Studies is awarded to students who complete this class successfully in accordance with their Individual Education Plan.

## **SC Geography for Life (9, 10, 11, 12)**

(0.5 credit) **63906000, 63907000, 63908000, 63906200, 63907200, 63908200**

**Prerequisite:** None

**Meets Graduation Requirement:** GEO

This course is designed to introduce students to the physical and cultural patterns of the world. Geographic study includes mapping skills, the interaction between people and their environment, and the political and economic systems that they develop.

## **SC US Government and Citizenship (11, 12)**

(.50 credit) **63919000, 63920000, 63103000**

**Prerequisite:** None

**Meets Graduation Requirement:** USG

The goal of this course is to foster informed, responsible participation in public life. Students will gain an understanding of major ideas, protections, privileges, structures, and economic systems that affect the lives of U.S. citizens. This course is recommended for seniors.

## **World Civilizations, SC (9, 10, 11, 12)**

(.50 credit) **63928000, 63928200, 63929000, 63929200**

**Prerequisite:** None

**Meets Graduation Requirement:** WCI

This course studies the increasing interrelationship of the world's peoples. It includes examples of scientific, artistic, religious, and technological aspects of human behavior. The emphasis of this class is to cover topics of the world civilization course requirements in a small group setting.

## **Transition (9, 10, 11, 12)**

(1.0 credit) **69010000, 69011000, 69012000, 69014000**

**Prerequisite:** None

**Meets Graduation Requirement:** ELE

Students will participate in work settings in the community surrounding West High School. Skills learned may be communication, following directions, and building work performance. The use of public transportation and the observation of safety signals are practiced with teacher supervision on a daily basis. All of these skills will help the students adapt to working in the community jobs they choose. They will be expected to follow school rules, citizenship policy, and dress code as outlines in the handbook. They will be expected to demonstrate respect for everyone in the school by words, clothing, and actions. Students are encouraged to take main-stream classes to fulfill their graduation requirements and will be assisted on an individual basis.

## LANGUAGE ARTS

### **IB English A Literature HL 1 (AP English Literature) (11)**

(1.0 credit) **60593000**

**Prerequisite:**

**Meets Graduation Requirement:** L12

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Through the study of a wide range of literature, the IB language A literature course encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works are studied in their literary and cultural context, through close study of individual texts and passages, and by considering a range of critical approaches. The course does not limit the study of works to the products of one culture or the cultures covered by any one language. The study of works in translation is especially important in introducing students, through literature to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language.

### **IB English A Literature HL 2 (12)**

(1.0 credit) **60593010**

**Prerequisite:**

**Meets Graduation Requirement:** L12

This course is the year students complete the international assessments as described in IB English A Literature HL 1

## MATHEMATICS

### **IB Math Studies SL 1 (11, 12)**

(1.0 credit) **61590000**

**Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the first year students study the international assessments. The IB Mathematical Studies course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied



mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. They will complete the course with the IB Math Studies SL 2.

### **IB Math Studies SL 2 (11, 12)**

(2.0 credit) **61590200**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematical Studies course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal research involving the collection, analysis, and evaluation of data. The course syllabus focuses on important mathematical topics that are interconnected. The syllabus is organized and structured with the following tenets in mind: placing more emphasis on student understanding of fundamental concepts than on symbolic manipulation and complex manipulation of numbers.

### **IB Math Studies SL 2 (Secondary Math III Honors) (11, 12)**

(1.0 credit) **61590200**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematical Studies course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It offers students opportunities to learn important concepts and techniques and to gain an understanding of a wide variety of mathematical topics. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal

research involving the collection, analysis, and evaluation of data. The course syllabus focuses on important mathematical topics that are interconnected. The syllabus is organized and structured with the following tenets in mind: placing more emphasis on student understanding of fundamental concepts than on symbolic manipulation and complex manipulation of numbers.

### **IB Mathematics SL 1 (11, 12)**

(1.0 credit) **61570000**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This is the first year in the Standard Level of the international assessments. The course will be continued with the SL 2 level.

### **IB Mathematics SL 2 (11, 12)**

(1.0 credit) **61570200**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematics Standard Level course caters for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way. Students should, wherever possible, apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context.

### **IB Mathematics SL 2 (Secondary Math III Honors with Calculus) (11, 12)**

(1.0 credit) **61570200**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments. The IB Mathematics Standard Level course caters for students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way. Students should, wherever possible, apply the mathematical knowledge they have

acquired to solve realistic problems set in an appropriate context.

### **IB Mathematics HL 1 (AP Calculus BC) (11)**

(1.0 credit) **61572000**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the first year of a two-year course of study. The IB Mathematics HL course focuses on developing important mathematical concepts in a comprehensible, coherent, and rigorous way. This is achieved by means of a carefully balanced approach. Students are encouraged to apply their mathematical knowledge to solve problem sets in a variety of meaningful contexts. Development of each topic should feature justification and proof of results. Students embarking on this course should expect to develop insight into mathematical forms and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas. They should also be encouraged to develop the skills needed to continue their mathematical growth in other learning environments. Schools choose from the following options as an area of mathematical concentration: Statistics and Probability; Sets, Relations and Groups, Calculus; and/or Discrete mathematics.

### **IB Mathematics HL 2 (Discrete Mathematics) (12)**

(1.0 credit) **61572200**

#### **Prerequisite:**

**Meets Graduation Requirement:** MAT

This course is the year students complete the international assessments as described in IB Mathematics HL 1.

## **SCIENCE**

### **IB Biology SL 2 (AP Biology) (11, 12)**

(1.0 credit) **62514220**

#### **Prerequisite:**

**Meets Graduation Requirement:** SCI

This course is the year that students complete international assessments for IB Biology. In the IB Diploma Programme Biology course it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. There are four basic biological concepts that run throughout: Structure and Function; Universality versus Diversity; Equilibrium within Systems; Evolution.

**IB Biology HL 1 (AP Biology) (11)**

(1.0 credit) **62514400**

**Prerequisite:****Meets Graduation Requirement:** SCI

This course is the first year in a two-year course of study. In the IB Diploma Programme Biology course it is hoped that students will acquire a limited body of facts and, at the same time, develop a broad, general understanding of the principles of the subject. There are four basic biological concepts that run throughout: Structure and Function; Universality versus Diversity; Equilibrium within Systems; Evolution.

**IB Biology HL 2 (12)**

(1.0 credit) **62514410**

**Prerequisite:****Meets Graduation Requirement:** SCI

This course is the year students complete the international assessments as described in IB Biology HL 1.

**IB Chemistry SL 2 (AP Chemistry) (11, 12)**

(1.0 credit) **62522020**

**Prerequisite:****Meets Graduation Requirement:** SCI

This course is the year students complete the international assessments for IB Chemistry. The IB Diploma Programme chemistry course includes the essential principles of the subject, but also, through selection of options, allows teachers some flexibility to tailor the course to meet the needs of their students. Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science, and environmental science, and serves as useful preparation for employment.

**IB Chemistry HL 1 (AP Chemistry) (11)**

(1.0 credit) **62524000**

**Prerequisite:****Meets Graduation Requirement:** SCI

This course is the first year of a two-year course of study. The IB Diploma Programme chemistry course includes the essential principles of the subject, but also, through selection of options, allows teachers some flexibility to tailor the course to meet the

needs of their students. Chemistry is an experimental science that combines academic study with the acquisition of practical and investigational skills. It is called the central science, as chemical principles underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, chemistry is a prerequisite for many other courses in higher education, such as medicine, biological science, and environmental science, and serves as useful preparation for employment.

**IB Chemistry HL 2 (12)**

(1.0 credit) **62524020**

**Prerequisite:****Meets Graduation Requirement:** SCI

This course is the year students complete the international assessments as described in IB Chemistry HL 1.

**IB Environmental Sci Soc SL 2 (11, 12)**

(1.0 credit) **62223020**

**Prerequisite:****Meets Graduation Requirement:** SCI

[IB Environmental Systems and Societies SL 2]

This course is the year students complete the international assessments. The course is to provide students with a coherent perspective of the interrelationship between environmental systems and societies through scientific explorations.

**IB Physics SL 2 (11, 12)**

(1.0 credit) **62532220**

**Prerequisite:****Meets Graduation Requirement:** SCI

This is the year students complete the international assessments. The IB Diploma Programme physics course allows students to develop traditional practical skills and techniques and to increase facility in the use of mathematic, which is the language of physics. Both theory and experiments should be undertaken by all students. They should complement one another naturally, as they do in the wider scientific community. It also allows student to develop interpersonal skills, and information and communication technology skills, which are essential in modern scientific endeavor and are important life-enhancing, transferable skills in their own right.

**IB Physics HL 1 (11)**

(1.0 credit) **62532400**

**Prerequisite:****Meets Graduation Requirement:** SCI

This is the first year of a two-year course of study. The IB Diploma Programme physics course allows students to develop traditional practical skills and techniques and to increase facility in the use of mathematic, which is the language of physics. Both theory and experiments should be undertaken by all students. They should complement one another naturally, as they do in the wider scientific community. It also allows student to develop interpersonal skills, and information and communication technology skills, which are essential in modern scientific endeavor and are important life-enhancing, transferable skills in their own right.

**IB Physics HL 2 (12)**

(1.0 credit) **62532420**

**Prerequisite:****Meets Graduation Requirement:** SCI

This is the year students complete the international assessments as described in IB Physics HL 1.

**SOCIAL STUDIES****IB Geography SL 2 (11, 12)**

(1.0 credit) **63591020**

**Prerequisite:****Meets Graduation Requirement:** GEO

This course is the year students complete the international assessments for IB Geography. Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. It seeks to identify trends and patterns in these interactions and examines the processes behind them. It also investigates the way that people adapt and respond to change and evaluates management strategies associated with such change. Geography describes and helps to explain the similarities and differences between space and places. These may be defined on a variety of scales and from a range of perspectives. The Diploma Program geography course integrates both physical and human geography, and ensures that students acquire elements of both scientific and socio-economic methodologies. This course examines relevant concepts and ideas from a wide variety of places.

**IB Geography HL 1 (AP Human Geography)**

**(11)**

(1.0 credit) **63591400**

**Prerequisite:****Meets Graduation Requirement:** GEO

This course is the first year of a two-year course of study. This is a preparatory course for Level 2, when international assessments are completed. Geography is a dynamic subject that is firmly grounded in the real world and focuses on the interactions between individuals, societies and the physical environment in both time and space. It seeks to identify trends and patterns in these interactions and examines the processes behind them. It also investigates the way that people adapt and respond to change and evaluates management strategies associated with such change. Geography describes and helps to explain the similarities and differences between space and places. These may be defined on a variety of scales and from a range of perspectives. The Diploma Program geography course integrates both physical and human geography, and ensure that students acquire elements of both scientific and socio-economic methodologies. This course examines relevant concepts and ideas from a wide variety of places.

**IB Geography HL 2 (12)**

(1.0 credit) 63591420

**Prerequisite:****Meets Graduation Requirement:** GEO

This course is the year students complete the international assessments.

**IB 20<sup>th</sup> Century History SL 2 (11, 12)**

(1.0 credit) 63063420

**Prerequisite:****Meets Graduation Requirement:** SSE

This course is the year students complete the international assessments for IB 20th Century History SL. Diploma Programme History consists of a standard level (SL) and higher level (HL) core syllabus comprising an in-depth study of an individual prescribed subject and the selection of two topics. The SL Curriculum encompasses the main developments in 20th century world history. Thus IB Diploma Programme history provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic, or social. It invites comparisons between, but not judgments of, different cultures, politics, and societies.

**IB History of Europe M East HL 1 (AP European History) (11)**

(1.0 credit) 63066000

**Prerequisite:****Meets Graduation Requirement:** SSE

[IB History of Europe and the Middle East HL 1 (AP European History)] This course is the first year of a two-year course of study. This is the preparatory course for Level 2, when international assessments are completed. Diploma Programme History consists of a standard level (SL) and higher level (HL) core syllabus comprising an in-depth study of an individual prescribed subject and the selection of two topics. The SL Curriculum encompasses the main developments in 20th century world history. At HL students select from a range of optional syllabuses that cover a wider time span encouraging in-depth study of Europe and the Middle East. Thus IB Diploma Programme history provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic, or social. It invites comparisons between, but not judgments of, different cultures, politics, and societies.

**IB History of Europe M East HL 2 (12)**

(1.0 credit) 63066020

**Prerequisite:****Meets Graduation Requirement:** SSE

[IB History of Europe and the Middle East HL 2] This course is the year students complete the international assessments as described in IB History of Europe and the Middle East HL 1.

**IB Psychology SL 2 (11, 12)**

(1.0 credit) 63600020

**Prerequisite:****Meets Graduation Requirement:** SSE

This course is the year students complete the international assessments for IB Psychology. IB Psychology examines the interaction of biological, cognitive, and sociocultural influences on human behavior thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed, and applied enables students to achieve a greater understanding of themselves and appreciated the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB Psychology.

**IB Psychology HL 1 (AP Psychology) (11)**

(1.0 credit) 63601000

**Prerequisite:****Meets Graduation Requirement:** SSE

This course is the first-year of a two-year course of study. This is a preparatory course for Level 2, when international assessments are completed. IB Psychology examines the interaction of biological, cognitive, and sociocultural influences on human behavior thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed, and applied enables students to achieve a greater understanding of themselves and appreciated the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB Psychology.

**IB Psychology HL 2 (12)**

(1.0 credit) 63601020

**Prerequisite:****Meets Graduation Requirement:** SSE

This course is the year students complete the international assessments.

**IB Theory of Knowledge SL 1 (11)**

(.50 credit) 63808000

**Prerequisite:****Meets Graduation Requirement:** SSE

This course is the first year of a two-year/two semester course of study. This is a preparatory course for Higher Level (HL) 2, when international assessments are completed. Theory of Knowledge (TOK) is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. It is a core element which all International Baccalaureate Diploma Programme candidates undertake. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. A knowledge claim is the assertion that "I/we know X" or "I/we know how to Y", or a statement about knowledge; a knowledge question is an open question about knowledge. A distinction between shared knowledge and personal knowledge is made in the TOK guide. This distinction is intended as a device to help teachers construct their TOK course and to help students.

**IB Theory of Knowledge HL 2 (12)**

(.50 credit) **63900000**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This is the year students complete the international assessments as described in IB Theory of Knowledge SL 1.

### **IB Approaches to Learning SL 1 (11)**

(.50 credit) **63901200**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This is the first year of a two-year/two semester course of study. The IB Approaches to Learning course, required of those students seeking the International Baccalaureate Career-Related Certificate (IBCC), is designed to introduce students to life skills and to help students operate in a variety of contexts, now and in the future. The Approaches to Learning course should not only develop skills, but attitudes. In the context of the IBCC, the term "attitudes" refers to dispositions or attributes. These are the values that underpin the behavior of people. The Approaches to Learning course aims to develop personal qualities and values as exemplified in the learner profile. Other attributes that should be encouraged by the course include responsibility, perseverance, resilience, self-esteem, and honesty. The aims of Approaches to Learning are for the student to develop: good intellectual habits; practical problem-solving skills; self-awareness; and an appreciation of identity, individual strengths, and develop achievable goals.

### **IB Approaches to Learning HL 2 (12)**

(.50 credit) **63901400**

**Prerequisite:**

**Meets Graduation Requirement:** SSE

This is the year students complete the international assessments as described in IB Approaches to Learning SL 1.

### **IB Independent Studies (11, 12)**

(1.0 credit) **69283000**

**Prerequisite:** Teacher approval

**Meets Graduation Requirement:** ELE

This time will be used to ready themselves for testing in the IB Studies. Students will use the time as will best help them with support of the coordinator.

## **WORLD LANGUAGES**

### **IB Chinese ab initio SL 2 (12)**

(1.0 credit) **64537820**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Chinese ab initio SL 1. The Chinese ab initio is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learning to go beyond the confines of the classroom, expanding an awareness of the world, and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: individual and society, leisure and work, and urban and rural environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate and pass the IB administered exam.

### **IB Chinese B SL 2 (AP Chinese Language) (11, 12)**

(1.0 credit) **64538020**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Chinese SL 1. Chinese B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

### **IB Chinese B HL 1 (AP Chinese Language) (11)**

(1.0 credit) **64538200**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Chinese B is a language-learning course designed for students with some previous learning of that language. The

main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

### **IB Chinese B HL 2 (12)**

(1.0 credit) **64538220**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Chinese B HL 1.

### **IB French ab initio SL 2 (12)**

(1.0 credit) **64217020**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB French ab initio SL 1. The French ab initio SL course is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive and interactive skills, students should be able to communicate.

### **IB French B SL 2 (AP French Language) (11, 12)**

(1.0 credit) **64217220**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB French B SL 1. French B is a language-learning course designed for students with some previous learning of that language. The main

focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB French B HL 1 (AP French Language) (11)**  
(1.0 credit) **64217400**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. French B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB French B HL 2 (12)**  
(1.0 credit) **64217420**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB French B HL 1.

**IB German ab initio SL 2 (12)**  
(1.0 credit) **64227020**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB German ab initio SL 1. The German ab initio SL course is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This

process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate.

**IB German B SL 2 (AP German Language) (11, 12)**  
(1.0 credit) **64227220**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB German B SL 1. German B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB German B HL 1 (AP German Language) (11)**  
(1.0 credit) **64227400**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. German B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB German B HL 2 (12)**  
(1.0 credit) **64227420**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB German B HL 1.

**IB Spanish ab initio SL 2 (12)**  
(1.0 credit) **64513020**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Spanish ab initio SL 1. The Spanish ab initio SL course is a language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive, productive, and interactive skills, students should be able to communicate.

**IB Spanish B SL 2 (AP Spanish Language) (11, 12)**  
(1.0 credit) **64513220**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Spanish B SL 1. Spanish B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Spanish B HL 1 (AP Spanish Language) (11)**  
(1.0 credit) **64513400**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Spanish B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Spanish B HL 2 (12)**

(1.0 credit) **64513420**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Spanish B HL 1.

**IB Arabic ab initio SL 1 (11)**

(1.0 credit) **64107000**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

Grade 11

This course is the first year of a two-year course of study. This is a preparatory course for Level 2, when international assessments are completed. The Arabic ab initio SL course is a two-year series of language acquisition course for students with limited or no current ability in the language, and is designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. This process encourages the learner to go beyond the confines of the classroom, expanding an awareness of the world and fostering respect for cultural diversity. The course develops students' linguistic abilities through the development of receptive, productive, and interactive skills. The course is organized into three themes: Individual and Society, Leisure and Work, and Urban and Rural Environment. Through the development of receptive,

productive, and interactive skills, students should be able to communicate.

**IB Arabic ab initio SL 2 (12)**

(1.0 credit) **6410702**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Arabic ab initio SL 1.

**IB Arabic B SL 2 (11, 12)**

(1.0 credit) **64107220**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Arabic B SL 1. Arabic B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Arabic B HL 1 (11)**

(1.0 credit) **64107400**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the first year of a two-year course of study. This is a preparatory course for Level 2 when international assessments are completed. Arabic B is a language-learning course designed for students with some previous learning of that language. The main focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material extends from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills and intercultural understanding. It is not intended solely for the study of specific subject matter or content.

**IB Arabic B HL 2 (12)**

(1.0 credit) **64107420**

**Prerequisite:**

**Meets Graduation Requirement:** ELE

This course is the year students complete the international assessments as described in IB Arabic B HL 1.

## FINE ARTS

**IB Visual Arts SL 2 (11, 12)**

(1.0 credit) **66532020**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year students complete the international assessments. The IB Diploma Program Visual Arts course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual, and critical investigation, with option A students focusing more on the former and option B students on the latter. The course is designed to enable students to study visual arts in higher education and also welcomes those students who seek life enrichment through visual arts.

**IB Visual Arts HL 1 (AP Studio Art) (11)**

(1.0 credit) **66532200**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Program Visual Arts course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual, and critical investigation, with option A students focusing more on the former and option B students on the latter. The course is designed to enable students to study visual arts in higher education and also welcomes those students who seek life enrichment through visual arts.

**IB Visual Arts HL 2 (12)**

(1.0 credit) **66532220**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year students complete the international assessments as described in IB Visual Arts HL 1.

**IB Art History SL 2 (AP Art History) (11, 12)**

(1.0 credit) **66070200**

**Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year the students complete international assessments. This course will provide students with a historical, social, and

cultural perspective on artistic production across and within particular societies, and they will develop considerable expertise in those areas. Firsthand experience of artworks is desirable in the study of Art History, and excessive use will be made of art historical learning, including documentary sources and art criticism, stimulating students to develop informed critical responses. Emphasis is placed on the development of analytical and discursive skills both in writing and orally. Students will be required to research independently and within groups, make presentations in class, contribute to class discussions and submit written papers throughout the course.

### **IB Dance SL 2 (11, 12)**

(1.0 credit) **66287020**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year the students complete international assessments. The IB Diploma Programme dance curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures-- past, present, and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, or those, more broadly, who seek life enrichment through dance.

### **IB Dance HL 1 (11)**

(1.0 credit) **66287200**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Programme Dance curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures-- past, present, and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, or those, more broadly, who seek life enrichment through dance.

### **IB Dance HL 2 (12)**

(1.0 credit) **66287220**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year the students complete the International assessments as described in IB Dance HL 1.

### **IB Theatre SL 1 (11)**

(1.0 credit) **66531000**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Programme theatre course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre, and will find expression through work shopping, devised work or scripted performance. Students will come to understand that the act of imagining, creating, presenting and critically reflecting on theatre in its past and present contexts embodies the individual and social need to investigate and find explanations for the world around us.

### **IB Theatre SL 2 (12)**

(1.0 credit) **66531020**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year students complete the international assessments as described in IB Theatre SL 1.

### **IB Theatre HL 1 (11)**

(1.0 credit) **66531200**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the first year of a two-year course of study. The IB Diploma Programme theatre course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre, and will find expression through work shopping, devised work or scripted performance. Students will come to understand that the act of imagining, creating, presenting and critically reflecting on theatre in its past and present contexts embodies the individual and social need to investigate and find explanations for the world around us.

(1.0 credit) **66531220**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This course is the year students complete the international assessments as described in IB Theatre SL 1.

### **IB Music Theory SL 2 (AP Music Theory) (11, 12)**

(1.0 credit) **66547020**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This is the year students complete the international assessments. The Diploma Programme music course provides an appropriate foundation for further study in music at university level or in music career pathways. It also provides an enriching and valuable course of study for students who may pursue other careers. This course also provides all students with the opportunity to engage in the world of music as lifelong participants. Students at the standard level can choose to focus on one of three areas: Group Performance, Solo Performance, or Creating.

### **IB Music Theory HL 2 (AP Music Theory) (12)**

(1.0 credit) **66547220**

#### **Prerequisite:**

**Meets Graduation Requirement:** FA

This is the year students complete the international assessments. The Diploma Programme music course provides an appropriate foundation for further study in music at university level or in music career pathways. It also provides an enriching and valuable course of study for students who may pursue other careers. This course also provides all students with the opportunity to engage in the world of music as lifelong participants. Students at the standard level can choose to focus on one of three areas: Group Performance, Solo Performance, or Creating. Students at the higher level are required to focus on both Solo Performance and Creating.

## **MISCELLANEOUS**

### **IB Business Management SL 1 (11, 12)**

(1.0 credit) **65706000**

#### **Prerequisite:**

**Meets Graduation Requirement:** CTE

**IB Economics SL 2 (12)**  
(1.0 credit) **65587320**

**Prerequisite:**

**Meets Graduation Requirement:** CTE

The purpose of a course in economics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. This course can give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and international economics.

## SCHOOL CHOICE

**Choice Initiatives for Salt Lake District High School Students**

Under the 2004-2009 District Student Achievement Plan, Essential Goal #6 promotes the increase of Choice Initiatives for students and families. The following Choice Options are now available within the Salt Lake City School District for high school students.

**Academy of Information Technology (Career and Technical Center)**

The Academy of Information Technology is associated with the National Academy Foundation. The mission of AOIT is to introduce students to the broad career opportunities in today's digital workforce and equip them with the personal, analytical, technical and communication skills they need. Courses in the AOIT are held at the Salt Lake School District Career and Technical Center. AOIT is available for grades 10-12. All students who apply will be admitted. Applications are available through school Career and Technical Education (CTE) Coordinators. Courses in the AOIT include: Computer Technology, A+, Network +, Multi Media, 3D Animation, and Computer Information Systems.

Transportation from home school to the CTC is provided.

**Arts Academy at Highland High**

The Arts Academy is for students who have a passion for the arts. Students, working in a community of artist-educators who share their passion, will create artwork that reflect professional and education standards and gain deeper understanding of artwork as it relates to aesthetics, criticism, and other disciplines. The program provides opportunities for students to develop artistic skills and appreciation while continuing in a strong academic program. The Academy includes courses in visual art, music, theatre, and dance and range from beginning levels through advanced placement. Students may enroll in a preparatory, major, or studio level cohort representing all artistic disciplines. Applications are available through the school CTE Coordinator. Transportation is the responsibility of the student.

**Business Academy (East High School)**

The business academy is an enriched, two-year academic program in business and finance for juniors and seniors. Students apply during their sophomore year. Applications are available through school Career and Technical Education (CTE) Coordinators. The program focuses on business and finance; however, it is applicable for students interested in a variety of fields. The purpose of the Academy is to give students a taste of the business world through authentic experiences like internships and hands-on projects, teach personal skills in finance and computer, and give students a head start in college with concurrent enrollment courses. Courses in the Business Academy are college concurrent classes including: Marketing, Accounting, Business Web Page Design, Computer Information Systems Financial Planning, Management Essentials, and Economics. Transportation is the responsibility of the student.

**Health Professions Academy (East High School)**

The Salt Lake City School District and the University of Utah Health Sciences Center jointly sponsor the Health Professions Academy at East High School. This academy is for students who are interested in college preparatory courses with an emphasis on science and health professions. The purpose of the Academy is to provide greater

understanding and appreciation of career development in the health sciences through high school and university based educational experiences. Students are admitted for 9th grade through an application process, which begins in February of 8th grade. Students may also register for HPA in the 9th grade. This is a full-time program, and students accepted must attend East High. Applications are available through school Career and Technical Education (CTE) Coordinators. Specialized HPA courses include: Medical Terminology, Introduction to Health Sciences, Medical Anatomy and Physiology, and Advanced Health Science I and II.

**International Baccalaureate Program (West High School)**

The IB program at West High is for academically able students who desire a curriculum that presents subject matter from a worldwide perspective. Students who are highly motivated will benefit from this course of study. Students are admitted for 9th grade through an application process, which begins in February of 8th grade. Selection is based on grades, teacher recommendations, and evidence of motivation. Students who complete the IB Program earn a high school diploma and the internationally recognized IB Diploma. Students may earn college credit and advanced standing at institutions of higher learning throughout the world. The six IB subject areas and the courses offered at West High are: Language A, Language B, Individuals and Societies, Experimental Sciences, Mathematics, and Arts and Electives. This is a full-time program, and students must attend West High. Students interested in this program must contact the AP/IB coordinator.

**Teaching Professions Academy (Highland High School)**

Teaching Professions Academy courses are offered at Highland High School to support students interested in possibly pursuing a teaching career. At this time, any student in the district may register to take the following courses: Teaching Professions I or Teaching Professions II. Transportation to Highland for the courses is the responsibility of the student. Students interested must contact the District Teacher Support Coordinator.