



WEST

HIGH SCHOOL™

SALT LAKE CITY, UTAH

— EST. 1890 —

2024/2025 COURSE CATALOG

WEST HIGH SCHOOL
241 North 300 West Salt Lake City Utah, 84103



Address & Contact Information

241 North 300 West

Salt Lake City, Utah 84103

801-578-8500

west.slcschools.org

Administration & Support Staff

Dr. Jared Wright – Principal

Justin Spencer – Assistant Principal, Class of 2024

Dr. Sarah Thomas – Assistant Principal, Class of 2025

Kenneth Auld – Assistant Principal, Class of 2026

Wayne Culley – Assistant Principal, Class of 2027

Amy Burge – Assistant Principal, ELP

Lynette Hilton – Administrative Secretary

Stephanie Gordon – Comprehensive Guidance Secretary

Julie Brooks – Registrar

Sandra Crockett – Secretary

Counselors

Candace Garcia, Gregory Forbush – Class of 2024

Duane Bourdeaux, Greg Steed – Class of 2025

Aaron Leeflang, Andres Osorio – Class of 2026

Ami Burton, Candace Garcia – Class of 2027

Ben Slivnivk – ELP

SALT LAKE CITY SCHOOL DISTRICT GRADUATION REQUIREMENTS (Board Policy I-2)

	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	MAT	2.00
6	Mathematics	MMA	1.00
7	Science	SCI	2.00
8	Science Applied, Advanced	SAA	1.00
9	World Geography	GEO	0.50
10	World History	WCI	0.50
11	United States History	USH	1.00
12	United States Gov't & Citizenship	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>
Total			24.00

Language Arts/English **4.0**

Students must complete four credits. This includes 3 Foundation courses: Language Arts 9, 10 and 11. A fourth credit of Language Arts may be from Language Arts 12 or other Advanced Foundation courses: Concurrent English and AP or IB Literature and Composition, or from the following Applied courses: Creative Writing, World Language (level 3 or higher), Journalism, Debate, Business Communication, Reading, and Writing.

Mathematics **3.0**

Mathematics (2.0 units of credit) shall be met minimally through successful completion of a combination of the foundation or foundation honors courses: Secondary Mathematics I, Secondary Mathematics II, and Secondary Mathematics III. An additional 1.0 or more credit may be from the **Mathematics Advanced courses**: Concurrent Enrollment Math, AP Statistics, AP Calculus, College Prep Math, or IB Math. With parent/guardian written request, 1.0 credit may be from the

Mathematics Applied courses: Math for Personal Finance, Accounting I and II, Computer Programming, and Introductory Statistics. Four years of Secondary Math I, II, III and higher/advanced mathematics courses are recommended for college preparation. See [Utah Administrative Code R277-700-6 High School Requirements](#) for more information.

Science **3.0**

Students must complete three credits from four science areas. Two credits may be from the following areas:

- A. Earth Science 1.0 (9th grade only)
- B. Biology 1.0 (Lab Science)
- C. Chemistry 1.0 (Lab Science)
- D. Physics 1.0 (Lab Science)
- E. Computer Science

A third credit may come from another course in the areas listed above or from the Applied Science courses of Electronics, Biotechnology, or Medical Anatomy and Physiology. (Two Lab Science courses strongly recommended for college admissions.)

Social Studies **3.0**

Students must complete the following:

- A. Geography for Life .50
- B. World Civilizations .50
- C. US History 1.0

	D.	US Government & Citizenship	.50
	E.	Social Studies Elective	.50
Fine Arts			1.5
Credits may be taken from any of the following categories:			
	A.	Visual Arts	
	B.	Music	
	C.	Dance	
	D.	Theatre	
Career & Technical Education			1.0
A student may choose courses from any of the following areas:			
	A.	Agriculture	
	B.	Arts, Audio/Visual Technology & Communication	
	C.	Business, Finance, and Marketing	
	D.	Computer Science & Information Technology	
	E.	Education & Training	
	F.	Engineering & Technology	
	G.	Health Sciences	
	H.	Hospitality & Tourism	
	I.	Human Services	
	J.	Law, Public Safety, Corrections & Security	
	K.	Manufacturing	
	L.	Automotive/Transportation	
Computer Technology			.50
Financial Literacy			.50
Health Education			.50
Physical Education			1.5
A Student must complete all of the following:			
	A.	PE Skills and Fitness for Life	1.0
	B.	Lifetime Activities	.50 or two seasons (0.25 each) enrollment in a UHSAA sanctioned team sport
Electives			5.5
Total Credits Required			24.0

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

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** 2 years beyond Secondary Mathematics I (selected from Sec Math II, Sec Math III, college or advanced algebra, or calculus)
- (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 (CE). 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. An advanced course for students who are 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.

Language Arts

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 using 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 7th 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**

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**

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**

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**

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.

Language Arts 11

1.0 credit) **60826000**

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**

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.

Language Arts 12

(1.0 credit) **60839000**

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 Literature (11, 12)

(1.0 credit) **60530000**

Meets Graduation Requirement: L12

Advanced Placement English is a college-level course for students who are already fluent in reading and writing about literature and poetry. It is a rigorous course that demands a great deal of motivation, study time and follow through. We will emphasize speaking, reading and writing about literature and poetry; we will explore personal and others' interpretations of literary works. Works studied in this course are challenging both as works of art and in the ethical issues they present. It is necessary that we be open minded, respectfully considering varying values and ideas.

IB Language & Literature HL1 & HL2 (11, 12)

(1.0 credit) **60592000, 60592010**

Meets Graduation Requirement: L11, L12

This two year course is an advanced English course where students will investigate how language and communication develop and change over time, and how culture and context impact understanding through class discussions, collaborative activities and presentations. Over the course of junior & senior year, students will read 6 full length literary texts (plays, novels, poetry, etc.) and a wide range of non-literary texts (documentaries, photographs, music, speeches, social media, etc.). The course will focus on authors of color and explore the question: How does heritage and culture impact how I communicate and understand the world? The course is open to any interested West High student and must be started junior year. All students in the class will have the option to take the IB exam senior year to potentially earn college transfer credit (English 1010 & 2010). This course is discussion based and utilizes AVID strategies.

IB English A Literature HL 1 (11)

(1.0credit) **60593000**

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

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

12 grade ONLY!

Prerequisite: ACT Reading Score 18+

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 fee by April 1st (Current Year) and must take CPT (College Placement Test) or ACT by April 4th (Current Year).

English 2010 (ENGL 2010) West (12, 11 early grad)

(1.0 credit) 60611000

Prerequisite: ENG Concurrent Enroll 1010 with "C" or better grade

Meets Graduation Requirement: L12

Extends principles of rhetorical awareness and knowledge making introduced in English 1010 and increases the ideological engagement within the classroom, interrogates socioeconomic and political issues.

Language Arts – Elective Courses

Business Communication 1 (11, 12)

(.50Credit) 60295000

Meets Graduation Requirement: CTE (This course may be taken by seniors for L12 credit)

Business communication impacts all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with a solid knowledge base, and to become effective communicators.

Business Communication 2 (11, 12)

(.50 credit) 60300000

Meets Graduation Requirement: .50 CTE or Language Arts Elective (This course may be taken by seniors for L12 credit).

This advanced course builds upon the skills acquired in Business Communication I. This stand-alone class focuses on additional methods of constructive communication skills through professional presentation software. Competency will be developed in oral, written and nonverbal communication. Listening skills will be incorporated throughout the semester. The goal is to provide students with a practical, proficient portfolio consisting of a resume, job application, and an oral presentation. Students will complete the course with a greater understanding of the impact of technology and the need for effective communication skills to advance in a business.

IB Language B (11, 12)

(1.0 credit) Unknown

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

Language B is a language acquisition course designed for students with some previous experience of the target language. In the Language B course, students further develop their ability to communicate in the target language through the study of language, themes and texts. In doing so, they also develop conceptual understandings of how language works, as appropriate to the level of the course.

Creative Writing (7, 8, 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 (8, 9, 10, 11, 12)

(1.0 credit) 60902000

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 (8, 9, 10, 11, 12)

(1.0 credit) 60910000

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

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 (9, 10, 11, 12)

(1.0 credit) 60922000

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.

Intro to Debate (7, 8)

(.50 credit per semester) 39301000

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

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

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 SAGE preparation and support.

Yearbook (10, 11, 12)

(1.0 credit) **69292000**

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 8 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. *Students must earn 3.0 credits in mathematics; the WHS Math Department recommends four years of mathematics.* It is recommended that *students have 0.5 credit of a previous math course before advancing to the next level.*

Math Honors ELP 7 & 8 (7, 8)

(1.0 credit) **31206000 & 31306020**

Meet Middle School Math Requirements: MATH

This is an accelerated course at West High School that covers Math 7 and Math 8 in one year per SLCSO request. Students: (1) develop understanding of and apply proportional relationships; (2) develop understanding of operations with rational numbers, and work with expressions and linear equations; (3) solve problems involving scale drawings and informal geometric constructions, and work with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; (4) draw inferences about populations based on samples; (5) formulate and reason about expressions and equations, including modeling an association in bivariate data, and solving systems of linear equations; (6) grasp the concept of a function and use functions to describe quantitative relationships; and (7) analyze two- and three-dimensional space and figures using distance, angle, similarity, and congruence and understand and apply the Pythagorean Theorem.

Secondary Math I (8-12)

Previous Course: Math 8 or Math 8 Honors

(1.0 credit) **61212000**

Meets Graduation Requirement: MAT 9-12

The purpose of Secondary Math I is to formalize and extend the math students learned in the middle grades. Students in this course deepen and extend their understanding of linear relationships, explore exponential phenomena, apply linear regression techniques to data that exhibits a linear trend, and use properties and theorems of congruent geometric figures. The final unit of this course ties together the algebraic and geometric ideas the students have studied.

Secondary Math I Extended (8, 9)

Previous Course: Math 8

(1.0 credit) **61212300**

Meets Graduation Requirement: MATH

The purpose of Secondary Math I Honors is to formalize and extend the math students learned in the middle grades. Students in this course deepen and extend their understanding of linear relationships, explore exponential phenomena, apply linear regression techniques to data that exhibits a linear trend, and use properties and theorems of congruent geometric figures. The final unit of this course ties together the algebraic and geometric ideas the students have studied. In the honors course, students also represent and model with vector quantities, use matrices in application, and perform operations on vectors and matrices.

Secondary Math I and Supplemental S1

(2.0 credit) **61212010 & 61838430**

Previous Course: Math 8

Meets Graduation Requirement: 1.0 MATH *and* 1.0 elective

This is a double-blocked course that covers the content of Secondary Math I. The Math Lab S1 is an elective course taken concurrently with the Secondary Math I class. The purpose of the lab is to support students' mathematics abilities by re-teaching difficult concepts, providing a smaller class, and using individualized technology to reinforce topics. Students have the opportunity to complete all coursework during the school day.

Secondary Math II (9-12)

(1.0 credit) **61212400**

Previous Course: Sec Math I

Graduation Credit: MATH

In Secondary Math II, students focus on quadratic expressions, equations, and functions; extend the set of rational numbers to the set of complex numbers; and make connections to piecewise-defined and absolute-value functions. Students also link probability and data through conditional probability and independence, study similarity and right triangle trigonometry, and explore the conic sections.

Secondary Math II Extended (9-10)

(1.0 credit) **61212510**

Previous Course: Sec Math I or Sec Math I Honors

Meets Graduation Requirement: MATH

In Secondary Math II, students focus on quadratic expressions, equations, and functions; extend the set of rational numbers to the set of complex numbers; and make connections to piecewise-defined and absolute-value functions. Students also link probability and data through conditional probability and independence, study similarity and right triangle trigonometry, and explore the conic sections. In the honors course, students also represent complex numbers and their operations on the complex plane, solve systems of equations using matrices, derive equations for conic sections, and use probability rules for compound events.

Secondary Math II *and* Supplemental Math S2

(2.0 credit) **61212410 & 61838440**

Previous Course: Sec Math I

Meets Graduation Requirement: 1.0 MATH *and* 1.0 elective

This is a double-blocked course that covers the content of Secondary Math II. The Math Lab S2 is an elective course taken concurrently with the Secondary Math II class. The purpose of the lab is to support students' mathematics abilities by re-teaching difficult concepts, providing a smaller class, and using individualized technology to reinforce topics. Students have the opportunity to complete all coursework during the school day.

Secondary Math III (10-12)

(1.0 credit) **61212600**

Previous Course: Sec Math II

Graduation Credit: MATH

Students in Secondary Math III connect and apply the accumulation of learning that they have from their previous courses. Students apply methods from probability and statistics to draw inferences and conclusions from data; expand their repertoire of functions to include polynomial, rational, radical, logarithmic, and trigonometric functions; and extend their study of right triangle trigonometry to general triangles. Students apply their knowledge of functions and geometry to create models and solve contextual problems.

Secondary Math III Extended (10-11)

(1.0 credit) **61212700**

Previous Course: Sec Math II Honors

Meets Graduation Requirement: MATH

Students in Secondary Math III connect and apply the accumulation of learning that they have from their previous courses. Students apply methods from probability and statistics to draw inferences and conclusions from data; expand their repertoire of functions to include polynomial, rational, radical, logarithmic, and trigonometric functions; and extend their study of right triangle trigonometry to general triangles. Students apply their knowledge of functions and geometry to create models and solve contextual problems. In the honors course, students represent complex numbers in polar form, define a curve parametrically, compose functions and use inverse functions, extend the domain of trigonometric functions using the unit circle, prove trigonometric identities, and use permutations and combinations to compute probabilities of compound events. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

Secondary Math II/III Extended (9-12)

(2.0 credit) **61212520 & 61212790**

Previous Course: Sec Math I Honors

Meets Graduation Requirement: MATH

Students may take Sec Math II and III honors consecutively in one year by enrolling in this double-blocked course. This course is a pathway opportunity for students who intend to enroll in BC Calculus or IB Math AA HL2 during their senior year. Students receive the same instructional hours as a year course of Sec Math II honors and a year course of Sec Math III honors, ensuring that students are appropriately prepared with all the necessary knowledge and skills for success in Calculus and higher mathematics. See the WHS Mathematics Sec Math II honors and Sec Math III honors course descriptions for more information. Please consider this course carefully as it requires a daily mathematics workload. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

Mathematics Applied and Advanced

College Prep Math (11-12)

(1.0 credit) **61216200**

Meets Graduation Requirement: MAA

College Prep Math formalizes and extends algebra concepts from Secondary Math I, II, and III to provide students with the algebra skills and understanding which are prerequisite to college mathematics. Students will reason abstractly and quantitatively while solving linear and quadratic equations as well as 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.

CE Math 1030 Quantitative Reasoning (10-12)

(1.0 credit) **61618000**

Prerequisite: "C" average grade for Sec Math I, II, and III; OR Math ACT score of 19; OR College Placement Test Recommendation

Meets Graduation Requirement: 1.0 MAA and 3.0 college credit hours

This course focuses on the development of analytical thinking through the application of math to real-life problems. Topics include modeling, logic, financial math, probability, statistics, and geometry. Appropriate for college study in: English/Languages, Fine Arts, Humanities, Performing Arts.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

CE Math 1040 Statistics (9-12)

(1.0 credit) **61298010**

Prerequisite: "C" average grade for Sec Math I, II, and III; OR Math ACT score of 22; OR College Placement Test Recommendation

Meets Graduation Requirement: 1.0 MAA and 3.0 college credit hours

In this course students will learn about statistical literacy including descriptive and inferential statistical methods. Topics include sampling design, linear regression and correlation, probability, sampling distributions, hypothesis testing and confidence intervals. Appropriate for study in: History, Nursing, Behavioral Science, Social Sciences.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

CE Math 1050 College Algebra (9-12)

(1.0 credit) **61616200**

Prerequisite: "C" average grade for Sec Math I, II, and III AND Math ACT score of 23 or College Placement Test Recommendation

Meets Graduation Requirement: 1.0 MAA and 4.0 college credit hours

This course is designed for students interested in Mathematics, Science, Engineering, Technology, and Education. Topics include functions, including polynomial, rational, exponential, and logarithmic; systems of equations; matrices and determinants; partial fraction decomposition; conics; and sequences and series. Appropriate for college study in: Business, Biological and Physical Sciences, Engineering.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

CE Math 1060 Trigonometry (9-12)

(1.0 credit) **61617000**

Prerequisite: Successful completion of CE Math 1050

Meets Graduation Requirement: 1.0 MAA and 3.0 college credit hours

This course focuses on trigonometric functions and their graphs developed using circular and triangular methods including inverses; polar coordinates; and an introduction to vectors.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

AP Pre-Calculus (9, 10, 11, 12)

(1.0 credit) **NEW COURSE**

Recommended Prerequisite: MAT, ELE

AP Pre-Calculus covers college-level algebra and trigonometry for students who are interested in more advanced study. Students will focus on Polynomial, Exponential, Logarithmic, Trigonometric, Parametric, and Polar functions and their applications. Students will also study vectors and matrices. Modeling real-world situations with and without technology will be a core goal of this course.

AP Calculus AB (11, 12)

(1.0 credit) **61511000**

Recommended Prerequisite: Sec Math I, II, and III Honors

Meets Graduation Requirement: MAA

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Appropriate for career interests in electronics, medical, engineering, chemistry, physics, business, etc. Advanced placement college credit is available for passing the AP test. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

AP Calculus BC (11, 12)

(1.0 credit) **61512000**

Recommended Prerequisite: CE Math 1050 and Math 1060, 2019-20 AP Calculus AB, or IB Math AA SL2

Meets Graduation Requirement: MAA

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. The AP Calc BC course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, sequences and series, and polar curves. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Advanced placement college credit is available for passing the AP test. *In order to be successful in this course, it is recommended that students have at least a C average grade from the recommended prerequisite mathematics course.*

AP Statistics (11, 12)

(1.0 credit) **61501000**

Recommended Prerequisite: Sec Math III (AP Stats can be taken the same year as SM III)

Meets Graduation Requirement: MAA

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, dot plots, stem plots, 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. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Applications & Interpretations SL 2 (11, 12)

(1.0 credit) **61591000**

Recommended Prerequisite: Sec Math III

Meets Graduation Requirement: MAA

IB Math AI SL2 (formerly IB Math Studies) is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take IB Math AI SL2 will be those who enjoy mathematics best when seen in a practical context. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology, and design, for example. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Analysis & Approaches SL 2 (11, 12)

(1.0 credit) **61570210**

Recommended Prerequisite: Sec Math III Honors

Meets Graduation Requirement: MAA

IB Math AA SL2 is appropriate for students who enjoy developing strong skills in mathematical thinking. IB Math AA SL2 is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics for example. Topics include: sequences and series and applications, laws of logarithms and exponentials, simple proof, the binomial theorem, solving equations

both analytically and graphically, composite trigonometric functions, and normal distribution with standardization of variables. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Analysis & Approaches HL 1 (11)

(1.0 credit) **61572100**

Recommended Prerequisite: CE Math 1050 and Math 1060, 2019-20 AP Calc AB

Meets Graduation Requirement: 1.0 MAA

This course is the first year of a two-year course of IB Math AA HL study. This first year of HL will be taught concurrently with AP Calculus BC. See the WHS Mathematics AP Calculus BC course description for more information. Students enrolled in this IB Math AA HL1 course are able to register for the AP Calculus BC test for college credit. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Analysis & Approaches HL 2 (12) (1.0 credit) 61572300

Recommended Prerequisite: IB Math AA HL1

Meets Graduation Requirement: MAA

This course is the year students complete the international assessments as described in IB Math AA HL. IB Math AA HL2 is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments. IB Math AA HL2 is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics for example. Topics include: permutations and combinations, partial fractions, complex numbers, proof methods, self-inverse functions, function inequalities and the modulus function, vector theory and vector algebra, Bayes theorem, and density functions. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math AA HLS (11, 12) (1.0 credit) Unknown

Recommended Prerequisite: ??????

Meets Graduation Requirement: MAA

The course description matches that of AP Statistics: AP Statistics is an introductory, college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem-solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

Math Decision Making (9,10,11,12) (1.0 credit) 64003040

Recommended Prerequisite: Sec Math II

Meets Graduation Requirement: MAA

This course includes mathematical decision making in finance, modeling, probability and statistics, and making choices. The four quarters of instruction are independent of each other, allowing students to enter and exit the course quarterly. Students will make sense of authentic problems and persevere in solving them. Students will reason abstractly and quantitatively while communicating mathematics to others, use appropriate tools, including technology, to model mathematics, and use structure and regularity of reasoning to describe mathematical situations and solve problems.

Statistics (11, 12)

(1.0 credit) **61298000**

Recommended Prerequisite: Sec Math II

Meets Graduation Requirement: MAA

Statistics is a branch of mathematics that explores concrete connections with everyday living. Students will develop critical thinking skills with life-long application. In this course, 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, statistical inferences and significant tests.

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 three (3) 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 7th 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

This is a practical based course which follows the 8th Grade Utah State Core Curriculum. The Science Core Curriculum places emphasis on the students gaining an understanding of the nature of science and gaining hands-on-experience to develop skills and abilities associated with scientific inquiry. During this year we will cover elements of Physical, Chemical, and Biological Sciences.

Earth + Space Science (9, 10, 11, 12)

(1.0 credit) **62100300**

Meets Graduation Requirement: SCI**(Recommended for 9th Grade Students)**

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

Biology (9, 10, 11, 12)

(1.0 credit) **62211000**

Meets Graduation Requirement: SCI**(Recommended for 10th grade and up)**

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. Students should be able to think abstractly about the realm of the very small.

Biology Honors (Pre-IB 9, 10, 11, 12)

(1.0 credit) **62411000**

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**

Meets Graduation Requirement: SCI

This course prepares students for the AP biology exam. AP labs are included in the course. The curriculum and expectations are equivalent to an introductory college level biology course (Biology 1010). The 4 "Big Ideas" in biology are emphasized throughout the course: the process of evolution drives the diversity and unity of life; biological systems utilize free energy and molecular building blocks to grow, reproduce and maintain dynamic homeostasis; living systems store, retrieve, transmit, and respond to information essential to life processes; biological systems interact and these systems and their interactions possess complex properties.

IB Biology SL 2 (11, 12)

(1.0 credit) **62514220**

Meets Graduation Requirement: SCI

This course is the year that student's 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 (11)

(1.0 credit) **62514400**

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**

Meets Graduation Requirement: SCI

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

Biology Agriculture Science (9, 10, 11, 12)

(1.0 credit) **679271**

(2.0 **00**)

Meets Graduation Requirement: SCI

This course meets the requirements for the biological science credit or CTE. Students will use a hands-on approach for learning biology with an emphasis on agriculture. Students will also learn about nursery operations and landscape management.

Chemistry (9, 10, 11, 12)

(1.0 credit) **62221000**

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**

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**

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 (11, 12)

(1.0 credit) **62522020**

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 (11)

(1.0 credit) **62524000**

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**

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**

Meets Graduation Requirement: SCI

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

AP Physics 1 (10, 11, 12)

(1.0 credit) **62531400**

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**

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 mathematics, 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**

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 mathematics, 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**

Meets Graduation Requirement: SCI

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

CE Physics 1010 (9-12)

(.50 credit) **Course Number**

Meets Graduation Requirements: Sci

Conceptual survey course in introductory physics. For non-science majors. Principles of mechanics, heat, light, sound, electricity, magnetism, and modern physics. Emphasis on problem solving and critical thinking. This is an introductory course for students who want to enhance their understanding of how the fundamental laws of nature govern their physical world and daily lives. This course will help students learn to apply methods involved in the scientific approach including some problem solving using simple math. The overall outcome for this course is for students to come away from the course with a sense of understanding of how things work in the world around them.

AP Environmental Science (11, 12)

(1.0 credit) **62533000**

Meets Graduation Requirements: 3rd Science

This course is a study of the human impacts on nature. Focus will be on the following topics: Environmental problems, Causes and Solutions; Ecological principles, cycles and systems; Population growth and pollution.

IB Environmental Sci Soc SL 2 (11, 12)

(1.0 credit) 62223020

Meets Graduation Requirement: SCI

[IB Environmental Systems and Societies SL 2] This course is to provide students with a coherent perspective of the interrelationship between environmental systems and societies through scientific explorations. Students will explore the relationships and impacts of humans on the environment. This course is the year students complete the international assessments. This course will also meet all requirements for the AP Environmental Science exam.

Computer Science 1 (10, 11, 12)

(1.0 credit) 65571000

Recommended Prerequisite: Successful completion of Computer Programming 1

Meets Graduation Requirement: CTE or SCI

This course builds upon concepts taught in computer programming 1. Students will advance their understanding of the computer language of Java while applying that knowledge to projects. Students will be prepared for the AP Computer Science A exam at the end of the year. This course is identical to IB Computer Science SL1 and HL1 courses. Juniors who plan on taking the IB test the next year should register for one of those classes.

Fee: none

AP Computer Science Principles (9, 10, 11, 12) [taught at WHS and off campus via the CTC]

(1.0 credit) 65571500

Meets Graduation Requirement: SCI, CTE or Digital Studies or science elective

This course is designed to focus on computer science principles not just programming. Students will be learning about principles such as problem solving, creativity, modern computing, internet uses, global interactions and algorithms and their uses. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Fee: possible testing fees

Science Electives

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

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

(1.0 credit) 67939000

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.

Advanced MAP (12)

(1.0 credit) **New Course**

Meets Graduation Requirement: CTE, SAA

Integrated Human Anatomy and Physiology I is the first semester of a two-semester anatomy and physiology sequence that focuses on the structure and function of the human body. Course topics include the atomic, molecular, cellular, and tissue levels of organization; and the integumentary, skeletal, and muscular systems. Formative exercise and weekly integrated laboratory sessions will enhance your understanding of the material by providing you practice in data analysis and activities using cadaver specimens and interactive digital cadaver technology. This course meets the life science (LS) general education learning outcomes for the university. Completion of HTHS 1101 is strongly recommended before taking HTHS 1110.

Astronomy (10, 11, 12)

(1.0 credit) 62271000

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?

CE Astronomy 1040 (9-12)

(.50 credit) **Course Number**

Meets Graduation Requirements: Sci/3rd Year Sci

Course includes structure, scale, and behavior of the universe and its underlying laws presented in a conceptual format. It shows examples of formation and working of the sun and planets. Also teaches earth as a planet and as a reference for reckoning of the celestial sphere.

Electronics 1 (9, 10, 11, 12)

(.50 credit) **67259020**

Meets Graduation Requirement: CTE, SAA

The first in a sequence of courses that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in safety, electrical theory, parallel and series circuits, Ohm's Law, Kirchoff's Laws, schematic diagrams, electrical components, and soldering.

Electronics 2 (9, 10, 11, 12)

(.50 credit) **67260220**

Recommended Prerequisite: Successful completion of Electronics 1

Meets Graduation Requirement: CTE, SAA

Meets Graduation Requirement: CTE, Science AA

The second in a sequence of courses that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in safety, numbering systems, Boolean algebra, logic diagrams, digital devices, and combinational logic circuits.

Electronics 3 (11, 12)

(.50 credit) **67260420**

Recommended Prerequisite: Successful completion of Electronics 1 & 2

Meets Graduation Requirement: CTE, SAA

Meets Graduation Requirement: CTE, Science AA

The third in a sequence of courses that prepares individuals to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry, and manufacturing. Instruction includes training in safety and passive AC circuits with topics addressing waveforms, transformers, capacitors, inductors, reactance, impedance and resonance.

Robotics 1 (10, 11, 12)

(0.5 credit) **67277100**

Recommended Prerequisite: Successful completion of Engineering Principles 1 & 2

Meets Graduation Requirement: CTE, SAA

This course is the first in a 2-part series that focuses on the learning of electrical & mechanical engineering principles through hands-on, lab-based activities. Students will participate in programming and testing prototypes. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Robotics 2 (10, 11, 12)

(0.5 credit) **67277200**

Recommended Prerequisite: Successful completion of Robotics 1

Meets Graduation Requirement: CTE

This course is the second in a 2-part series that focuses on the learning of electrical and mechanical engineering principles through hands-on, lab-based activities. Students will learn to design, build, program and control robotic devices as they build on concepts learned in Robotics 1. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Engineering Principles 1 (9, 10, 11, 12)

(0.5 credit) **67276100**

Recommended Prerequisite: Successful completion of Secondary Math 1

Meets Graduation Requirement: CTE, SAA

This is the first in a 2-part series designed to help students gain a better understanding of different engineering disciplines while completing hands-on projects. Students will learn about engineering while completing hands-on, lab-based activities. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Engineering Principles 2 (9, 10, 11, 12)

(0.5 credit) **67276200**

Recommended Prerequisite: Successful completion of Engineering Principles 1

Meets Graduation Requirement: CTE, SA

This is the second in a 2-part series designed to help students gain a better understanding of different engineering disciplines while completing hands-on projects. Students will build on the knowledge and skills gained in engineering principles 1. Students will have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Zoology (10, 11, 12)

(1.0 credit) **62251000**

Meets Graduation Requirement: CTE or 3rd Science Credit

This course surveys the animal kingdom. Detailed study of representative organisms is made to illustrate structural advancements as they appear in the animal kingdom. Wildlife management will be addressed.

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.

World Geography I (9, 10, 11, 12)

(.50 credit) **63902100**

Meets Graduation Requirement: GEO

Geography studies both physical and human characteristics of the people, places, and environments of the Earth. Students will develop geographical skills by studying the "why of where" while examining the connections and interactions that shape our world.

World Geography I Honors (9, 10, 11, 12)

(.50 credit) **63902300**

Meets Graduation Requirement: GEO

Geography studies both physical and human characteristics of the people, places, and environments of the Earth. Students will develop geographical skills by studying the "why of where" while examining the connections and interactions that shape our world. Students will apply their learned knowledge by interpreting and evaluating the geographic patterns and processes involved.

World History I (9, 10, 11, 12)

(.50 credit) **63902500**

Meets Graduation Requirement: WCI

The study of World Civilizations emphasizes the increasing interrelationships over time of the world's peoples. Beginning with a study of prehistoric time, students will gain an understanding of early civilizations and their contributions to the foundations of human culture. They will study the classical cultures of the Middle East, Europe, and Asia as well as the early cultures of Africa and the Americas, concluding with a study of the Middle Ages throughout the world.

World History II (Modern) (9, 10, 11, 12)

(.50 credit) **63902600**

Meets Graduation Requirement: SSE

The study of World Civilizations emphasizes the increasing interrelationships over time of the world's peoples. This course examines all aspects of human activity, including the political, economic, social, philosophical and religious, scientific and technological, and artistic, as they have changed throughout history. Study begins with the Renaissance and Age of Discovery and concludes with the study of changes occurring in the transition from early modern to contemporary societies, as well as global integration in the 20th century.

Honors World History I (9, 10, 11, 12)

(.50 credit) **63927000**

Meets Graduation Requirement: WCI

This program is an accelerated class specifically designed to prepare students for college work. The course is designed for self-motivated learners who will learn beyond the required World Civilizations topics. This course will emphasize essay writing and analytical interpretation of documents and events. Course materials will be drawn from ancient civilization, non-Western history, development of the modern world, and study the international, economic, political and social issues of the twentieth century.

Honors World History II (9, 10, 11, 12)

(.50 credit) **63902800**

Meets Graduation Requirement: SSE

This program is an accelerated class continuing the description of Honors World Civilization (Ancient). The course is designed for self-motivated learners who want a strong academic program with more rese and study that the regular World Studies program. This course will emphasize essay writing and analytical interpretation of documents and events. Course materials will be drawn from The Renaissance and Reformation, non-Western history, development of the modern world, and from the international, economic, political and social events of the twentieth century.

US History (11, 12)

(1.0 credit) **63221000**

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**

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 Honors (10, 11, 12)

(.50 credit) **63205020**

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) **63522000**

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.

IB 20th Century History SL 2 (11, 12)**(1.0 credit) 63063420****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 the Americas HL 1 (11, 12)**(1.0 credit) 63063800****Meets Graduation Requirement:** SSE

The IB Diploma Programme History course for HL1 is a systematic and critical study of the human experience including social, economic, political and cultural events through the 20th century in the Americas. This course will examine the unfolding of specific events in the Western Hemisphere including: Canada, The United States, & Latin America. The course emphasizes the importance of encouraging students to think historically and to develop analytical source skills, while gaining factual knowledge. It puts a premium on developing critical thinking and understanding within the multiple interpretations of history. In this way, the course involves a challenging and demanding critical exploration of the past.

Paper 3: (Typically taken Junior Year) HL 1 History of the Americas: The Great Depression, The Second World War in the Americas, & Social Movements in the Americas + Historical Internal Assessment

IB History of the Americas HL2 (11, 12)**(1.0 credit) 63063810****Meets Graduation Requirement:** SSE

Paper 1 & 2: (Typically taken Senior Year, IB Test in May) SL2/HL2 Rights & Protest + World History: South African Apartheid, U.S. Civil Rights Movement, WWI, WWII, Korean War, Vietnam War, & The Cold War.

AP African American Studies (11, 12)**(1.0 credit) Course Number****Meets Graduation Requirements:**

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

AP Geography (9, 10, 11, 12)**(1.0 credit) 63592000****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****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. It 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 (11)

(1.0 credit) **63591400**

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. It 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 2 (12)

(1.0 credit) **63591420**

Meets Graduation Requirement: GEO

This course is the year students complete the international assessments. 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.

Social Studies Electives

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.

Behavioral Health Intro (9-12)

(.50 credit) **Course Number**

Meets Graduation Requirements: CTE & Elective Credit

This course is an introduction to the Behavioral Health industry. Topics that will be introduced in this foundation level course include understanding self-concept, effective communication, healthy relationships, addictive behaviors, mental health disorders, and protective laws and rights of patients and practitioners. The course is not designed for the student to diagnose themselves, friends, or family. It is an introduction to the behavioral career field only.

AP Psychology (10, 11, 12)

(1.0 credit) **63535000**

Meets Graduation Requirement: SSE

Using a variety of methods and perspectives, students in AP Psychology study behavior and mental processes. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. A few of the subfields include: the biological, social, developmental, abnormal, states of consciousness, sensation and perception, and cognitive disciplines. Students also learn about the ethics and methods psychologists use in their science and practice. Students must have a commitment to achieve at college standards. College credit may be earned by passing the AP examination.

IB Psychology SL 2 (11, 12)

(1.0 credit) **63600020**

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 appreciate 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 (11)

(1.0 credit) **63601000**

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 appreciate 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**

Meets Graduation Requirement: SSE

This course is the year students complete the international assessments. 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 appreciate the diversity of human behavior.

Civics in Action

(1.0 credit) **(New-Course #)**

Meets Graduation Requirement: SSE & 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 systems that affect the lives of U.S. citizens. Additionally, students will use their understanding of government systems to identify important community issues that they care about, develop a focused, strategic plan to address the issues, take real action, and then reflect on their successes, challenges, and plans moving forward. Students work with community partners throughout the course and share their work with stakeholders.

Ethnic Studies (11, 12)

(.50 credit) **63941000**

This is an ethnic studies course that introduces the historical and socio-cultural experiences of racial and ethnic groups in the United States. We will focus on the experiences of African Americans, Asian Americans, Chicanas/os and Latinas/os, Native Americans, and Pacific Islander Americans, and other underrepresented peoples in the United States. Key issues such as immigration, political stratification, discrimination, Americanization, class, racial and ethnic identity, and gender roles that have shaped relations in American society will be explored. We will focus on themes of justice, responsibility, and change. We will explore the role of race and culture in American society past and present.

IB Theory of Knowledge SL 1 (11)

(.50 credit) **63808000**

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**

Meets Graduation Requirement: SSE

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

IB Personal & Professional Skills SL 1 (11)

(.50 credit) **63901200**

Meets Graduation Requirement: SSE

This is the first of a two-semester course of study required of those students seeking the International Baccalaureate Career-Related Certificate (IBCC). The overall aims of personal and professional skills are for the students to: • develop as reflective and lifelong learners who can adapt to diverse situations • recognize personal strengths and identify ways to overcome challenges • be aware of and respond effectively to ethical dilemmas • value diversity of cultures and perspectives • demonstrate the ten attributes of the IB learner profile.

IB Personal & Professional Skills HL 2 (12)

(.50 credit) **63901400**

Meets Graduation Requirement: SSE

This is the year students complete the international assessments as described in IB Personal and Professional Skills SL 1.

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

(1.0 credit) **69291000**

Meets Graduation Requirement: ELE

This class is the student class officers from each grade. Students must have been elected to Office in officially sanctioned school elections. This is a time intensive class, which often requires extensive time before, during, and after school.

Student Government/Senate (12)

(1.0 credit) **69291100**

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.

Law Enforcement (10, 11, 12)

(.50 credit) **63232000**

Site Location: CTC

Meets Graduation Requirement: ELE

Students will learn about the role of police in our society. They will also study; the causes of crime, laws regarding search, seizure and arrest and other law enforcement procedures. Students will have the opportunity to participate in leadership through the explorers' program. For more information see the instructor. (Law Enforcement CE 63624000 available)

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**

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**

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**

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.

American Sign Language IV (10, 11, 12)

(1.0 credit) **64518000**

Meets Graduation Requirement: ELE

An advanced ASL course whereby students develop expressive and receptive language skills with an emphasis placed on fluency and refinement of complex vocabulary, grammatical structures, and cultural awareness. Expands the study and knowledge of Deaf culture and history.

CE American Sign Language 1010 (10, 11, 12)

(1.0 credit) **Unknown**

Meets Graduation Requirement: ELE

Beginning-level ASL course to develop basic communication skills, as well as knowledge regarding Deaf culture and history, by following the National Standards in foreign language learning: Communication, Cultures, Connections, Comparisons, and Communities. This course generally runs concurrently with ASL 2.

CE American Sign Language 1020 (10, 11, 12)

(1.0 credit) **Unknown**

Meets Graduation Requirement: ELE

Intermediate level ASL course to develop communication skills, as well as knowledge regarding Deaf Culture and history, by following the National Standards in foreign language learning: Communication, cultures, connections, comparisons, and communities. This course generally runs concurrently with ASL 3.

CE American Sign Language 2010 (10, 11, 12)

(1.0 credit) **Unknown**

Meets Graduation Requirement: ELE

Advanced level ASL course to develop communication skills, as well as knowledge regarding Deaf Culture and history, by following the National Standards in foreign language learning: Communication, cultures, connections, comparisons, and communities. This course generally runs concurrently with ASL 4.

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

(1.0 credit) **64100000**

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**

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**

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. The course is also 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**

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**

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 which 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**

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 which 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**

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) **34217000, 64211000**

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) **34218000, 64212000**

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**

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**

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**

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.

CE French (11, 12)

(1.0 credit) **New Course**

Meets Graduation Requirement: ELE

FRN 1010 is first in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the French culture. FRN 1020 is the second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of this year is to develop functional language ability in the French culture.

IB French ab initio SL 2 (11, 12)

(1.0 credit) **64217020**

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. It 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 (11, 12)

(1.0 credit) **64217220**

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 which 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 (11)

(1.0 credit) **64217400**

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 which are related to the culture(s) concerned. The material is chosen to enable students to develop mastery of language skills with an 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**

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) **34227000, 64221000**

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) **34228000, 64222000**

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**

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**

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 (10, 11, 12)

(1.0 Credit) **64226100**

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.

CE German (11, 12)

(1.0 credit) **Course Number**

Meets Graduation Requirement: ELE

The principal aims of this German language course are to develop communicative skills and to acquire inter-disciplinary knowledge by following the National Standards in foreign language learning: communication, cultures, connections, comparisons, and communities.

IB German ab initio SL 2 (12)

(1.0 credit) **64227020**

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. It 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 (11, 12)

(1.0 credit) **64227220**

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 which 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 (11)

(1.0 credit) **64227400**

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 which 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**

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) **34257000, 64251000**

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) **34258000, 64252000**

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**

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**

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.

DLI V Spanish (9)

(1.0 credit) **64255020**

Meets Graduation Requirement: ELE

This course was designed for students that come from Dual immersion schools

Study of cultures through examining their products, practices and perspectives through thematic themes. Students will read native level sources including literature. As they speak and write, students begin to synthesize logical thinking accuracy and appropriate and specific vocabulary. At the end of the year the students will take the AP test.

Spanish for Native Speakers (9, 10, 11, 12)

(1.0 credit) **64521000**

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**

Meets Graduation Requirement: ELE

Spanish for Native Speakers II (SNS II) expands on the skills of SNS I. This class is designed for students who speak Spanish as their first language and who have developed few literacy skills in Spanish. Students who enroll in this class should have an interest in acquiring literacy skills (reading and

writing); want to develop or broaden their academic Spanish language skills focusing on grammar, reading, writing, vocabulary, exposure to the language and culture of the Latino communities and develop consciousness about Spanish language and identity. Study of cultures through examining their products, practices and perspectives through thematic themes •6 Themes. Students are encouraged to take the AP test at the end of this course.

AP Spanish (11, 12)

(1.0 credit) **64511000**

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**

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. It 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 (11, 12)

(1.0 credit) **64513220**

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 which 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 (11)

(1.0 credit) **64513400**

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 which 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**

Meets Graduation Requirement: ELE

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

Mandarin Chinese (7, 8, 9, 10, 11, 12)

(1.0 credit) **64531000, 34230000**

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**

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**

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**

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**

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**

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. It 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 (11, 12)

(1.0 credit) **64537820**

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 which 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 (11)

(1.0 credit) **64538200**

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 which 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**

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.

PERFORMING ARTS

DRAMA

Theatre Foundations I (7, 8, 9, 10, 11, 12)

(.50 credit) **66111000**

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**

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**

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**

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.

Play and Musical Production (9, 10, 11, 12)

(1.0 credit) **66276000**

Meets Graduation Requirement: FA

This course is designed for the sole purpose of producing theatrical productions. Students will work in class, and outside of class, to put on full shows in front of an audience. They will work on the acting, house management, and other roles associated with a theatre company. Some background in writing about and participating in theatre as well as significant interest in theatre as a topic of study is needed. This class will continue development of such skills as well as focus on devising works. The class is centered on live theatre in the making, in performance, and in the world. Class periods will be run as seminars.

IB Theatre SL 1 (11)

(1.0 credit) **66531000**

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 workshopping, 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**

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**

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**

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 & II (7, 8, 9, 10, 11, 12)

Meets Graduation Requirement: FA, ELE

Students learn to play woodwind, brass or percussion instruments. Students also learn music literacy and team building skills.

Concert Band	(1.0 credit) 66233000
Percussion Ensemble	(1.0 credit) 66261000
Steel Drum Band	(1.0 credit) 66268000

Band III (9, 10, 11, 12)

(1.0 credit) **66235000**

Meets Graduation Requirement: FA, ELE

This course refines musical skill through instrumental performance and creativity for students in 10th, 11th, and 12th grade or students with three or more years of experience. Students strengthen music literacy and creative, problem-solving skills. Students perform at concerts, festivals, school assemblies, pep rallies, sports events, parades and community gatherings. Students play standard literature as well as a wide range of musical styles.

Symphonic Band – Wind Ensemble	(1.0 credit) 66235000
Steel Drum Band Advanced (1.0 credit) 66269000	
Jazz Band	(1.0 credit) 66234000

Orchestra II & III (7, 8, 9, 10, 11, 12)

Meets Graduation Requirement: FA, ELE

This course further develops good tone, music fluency, and technical skills for students with one or two years of experience. Students will develop team spirit, and responsible rehearsal habits. Student will have opportunities to perform and create along their musical journey. Orchestra III refines musical skill through instrumental performance and creativity for students with more experience. Students strengthen music literacy and creative, problem-solving skills. Students perform at concerts, festivals, school assemblies, and community gatherings. Students play standard literature as well as a wide range of musical styles.

Symphony Orchestra	(1.0 credit) 66266000
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Guitar I & II (7, 8, 9, 10, 11, 12)

(.50 credit) **66902000, 66902200**

Meets Graduation Requirement: FA, ELE

This class introduces students to folk guitar playing. Students learn the fundamentals of guitar technique such as root chords, strumming patterns, picking patterns, etc. Students will also learn basic music theory such as melody and rhythm reading. Students will play a variety of music including folk, classical, rock and jazz. Guitar II class is for guitar students who are experienced with basic chords, strumming and picking patterns. Students will learn more advanced music, have more opportunity to perform, work in small groups, and individually.

CHORAL MUSIC

In CHOIR courses, students sing in a choral group setting, develop vocal skills and community awareness while learning to read and perform music. Students also strengthen listening skills and the ability to analyze and evaluate music performances. Through active participation, students gain a higher appreciation for different genres of music and the ability to perform a varied repertoire.

Chorus (7, 8, 9, 10, 11, 12)

(1.0 Credit) **66240000**

Meets Graduation Requirement: FA, ELE

All voices, all age ranges, all abilities sing in ensembles. They develop vocal skills, learn to read music and find cultural and real-life connections. Students also strengthen listening skills and the ability to analyze and evaluate music and music performances.

A' Capella (10, 11, 12)

(1.0 Credit) **66117000**

Meets Graduation Requirement: FA

In A' Capella, students refine their musical ability and aesthetic understanding through singing in a choral ensemble. Study emphasizes reading music with fluency and polishing performance skills. They are the travelling group, UHSSA vocal festival participants.

Chorale (10, 11, 12)

(1.0 credit) **66246000**

Meets Graduation Requirement: FA, ELE

Chorale is an exciting additional music course offered to accommodate students interested in being involved in a fun choir experience at a more advanced level. There will be physical movement involved, so students need to be willing and ready to move around. This choir is a travelling group and are UHSSA vocal festival participants.

AP Music Theory (11, 12)

(1.0 credit) **66546000**

Meets Graduation Requirement: FA, ELE

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 the Middle Ages to the present & World Music. 2. Musical literacy, analysis, synthesis: sight singing, ear training, written and aural analysis and composition. 3. Performance (minor emphasis) 4. Cultural and Literary connections.

IB Music Theory SL 2 (11, 12)

(1.0 credit) **66547020**

Meets Graduation Requirement: FA, ELE

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 (12)

(1.0 credit) **66547220**

Meets Graduation Requirement: FA, ELE

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**

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**

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**

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**

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**

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**

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**

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**

Meets Graduation Requirement: FA

This course is the year the student's complete international assessments. The IB Diploma Program dance curriculum aims for a holistic approach to dance. It 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**

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. It 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**

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

Meets Graduation Requirement: FA

This is an introduction to a wide range of 2-D art processes. The class will focus on advanced drawing, painting and print-making skills and techniques.

** Students **do not** take the AP Art test at the end of the year.*

AP 3D Art & Design (11, 12)

(1.0 credit) **66209320**

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**

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 Clemente I (10, 11, 12)

(1.0 credit) **66904000**

Meets Graduation Requirement: ELE or FA

The Clemente Course in the Humanities is offered by Utah Humanities in partnership with Utah universities, colleges, and high schools to provide a college-level academic experience for high school students who will be first-generation college applicants. Clemente is an interdisciplinary course structured to match a four-quarter high school year with units in Philosophy, Art History, United States History, and Literature, as well as interdisciplinary and thematic learning approaches. The course is intellectually rigorous, focuses on significant multicultural works, and uses primary documents, group discussion, writing, and collaborative projects as the basis for learning. The goal of Clemente is to encourage students to find their own voices and agency in their communities, as well as to apply for and succeed in college.

Art I (7, 8)

(.50 credit) **36211000**

Lab fees required

Meets Middle School 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

Meets Middle School 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 3D concepts.

Advanced Art (8)

(1.0 credit) **36213000**

Lab fees required

Meets Middle School Graduation Requirement: FA

This course is designed to provide a more advanced approach to 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 3D design. This course is a state core curriculum course.

Commercial Art 1 SEM (9, 10, 11, 12)

(.50 credit) **67421120**

Meets Graduation Requirement: CTE, FA

This 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. This course prepares students in any of the applied art media including: drawing, painting, computer graphics, and others.

Commercial Art 2 (10, 11, 12)

(1.0 credit) **67423120**

Meets Graduation Requirement: CTE, FA

This course is designed for the artist who enjoys applying their knowledge and skill to create 3 dimensional products. Students are expected to engage in hands-on lab-based activities to learn 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. This class was formally the industrial design/jewelry class.

Commercial Art 3 (9, 10, 11, 12)

(1.0 credit) **67420410**

Meets Graduation Requirement: CTE, FA

This course is designed to provide a more advanced approach to the skills learned in commercial art 2. Students will continue to engage in hands-on activities in three-dimensional design and small metals fabrication and casting. Students will build a professional portfolio with opportunities to display and/or sell work. This course will expand the scope of 3-D materials and prepare students for creation of a college level 3-dimensional portfolio.

Drawing Fine Arts / Painting (10, 11, 12)

(1.0 credit) **66099000 / 66208000**

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. Students will learn basic drawing and painting concepts through the use of a variety of media. Class focus is basic drawing and painting skills.

AP Studio Art (10, 11, 12)

(1.0 credit) **66209100**

Meets Graduation Requirements: FA

This is an introduction to a wide range of 2-D art processes. The class will focus on advanced drawing, painting and print-making skills and techniques. Class focus is on the AP Portfolio (Breadth).

IB Visual Arts HL1 (11, 12)

(1.0 credit) **66532200**

Meets Graduation Requirements: FA

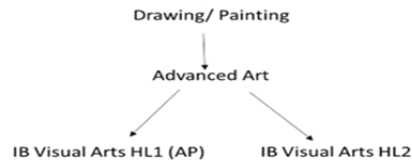
This is a student driven class allowing students time to work on self-determined projects in any 2-D medium. Students will be introduced to and work on skills associated with the IB Art exam. Class focus is on the AP Portfolio (Depth) and an introduction to IB Art concepts and skills.

IB Visual Arts HL2 (12)

(1.0 credit) **66532400**

Meets Graduation Requirements: FA

This class is a student driven class allowing students time to work on the Exhibition, Comparative Study and Process Portfolio. Class focus is on the components of the IB Art HL exam.



CERAMICS & SCULPTURE

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

(1.0 credit) **66041000 / 66403100**

Meets Graduation Requirement: FA

This course consists of two semesters. An introductory course the first semester focusing on design in stoneware clay through various hand building methods. Students will design and build unique forms through the use of pinch, coil, slab, additive and subtractive sculpting methods in addition to learning a variety of surface glazing techniques. The second semester will consist of one term of learning how to throw basic forms on the potter's wheel, and one term of more advanced hand building challenges. Students should have taken Commercial Art, ELP art, or an approved equivalent prior to this class.

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

(1.0 credit) **66042000 / 66043000**

Meets Graduation Requirement: FA

Ceramics II/III is an advanced two semester course emphasizing student exploration of ceramics as an artistic medium, and also aims to refine technical and compositional 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. Students should have taken Ceramics 1 or an approved equivalent prior to this class.

Sculpture (10, 11, 12)

(.50 credit) **66104000**

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. Topics include fabrication with wire, wood and fabric; clay modeling; carving; and plaster work. As students' skill increase, projects allow for more exploration of sculpture as a creative art form.

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

(.50 credit) **66104200**

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

Commercial Photo 1 SEM (9, 10, 11, 12)

(.50 credit) **66223800**

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.

Commercial Photo 2 Year (9, 10, 11, 12)

(1.0 credit) **66224620**

Prerequisite: Basic Digital Photo

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.

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.

ELP COURSES

College & Career Awareness (8)

(.50 credit) **37286010, 37286020**

Meets Middle School Requirement: CTE

This course is designed to help students understand the various CTE (Career and Technical Education) pathways that are available to them and how to gain many of the needed skills for success in the Utah labor market in high wage jobs that are in demand here in the state of Utah. Students will work in groups and individually as they identify personal interests, explore career interests, practice skills, participate in work-based learning activities and project-based learning projects.

Digital literacy (7, 8)

(.50 credit) **37303010**

Meets middle school requirement: CTE

This course is design as a basic introductory course to information technology and understanding of digital literacy concepts. Students will learn basic Microsoft Office concepts and how to understand how the digital world affects them and can help them as they set goals for their individual futures. (This class can be taken on-line. Digital Literacy OL 37303030.)

Exploring Technology (7, 8)

(.50 credit) **37303020**

Meets Middle School Requirement: CTE

This course is designed to help students learn more about technology and its influences on our society and careers. Students will be working on how technology relates to science, information technology, engineering and math concepts while completing hands on tasks and projects. A large emphasis is placed on technology in the world of engineering/manufacturing (all aspects/areas).

FACS Exploration (7, 8)

(.50 credit) **37305000**

Meets middle school requirement: CTE

This course is designed to build a student's knowledge about the following topics: fashion design, clothing construction, foods and nutrition, food science, child development, interior design, consumerism, entrepreneurship, and family relationships while also learning about the technology that is used in these career fields.

Exploring Business and Marketing (7, 8)

(.50 credit) **New Course**

Meets Middle School Requirement: CTE

If you are interested in going into any field of business or Marketing, then this is the class for you. Students will learn the basic concepts of running and operating a business including; communication, human resource management, entrepreneurship, accounting, finance and leadership.

BUSINESS

Accounting I (10, 11, 12)

(.50 credit) **65201000**

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

In this course students will learn basic accounting concepts and how and why businesses keep financial records. This information can be used by any student especially those who are interested in a business-related career, owning their own business or keeping track of their own finances. Students will have the opportunity to participate in leadership and competitive events through the FBLA Student Organization.

Accounting II (10, 11, 12)

(.50 credit) **65202000**

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

This course continues on with introducing students to the concepts and methods used in the preparation of financial statements, financial records, and accounting principles. Students will have the opportunity to participate in leadership and competitive events through the FBLA Student Organization.

Business Communication 1 (10, 11, 12)

(.50 credit) **60295000**

Meets Graduation Requirement: CTE OR LA12 (Grade 12 only)

This course focuses on teaching students how to communicate in a clear, courteous, concise, complete and in correct manners on personal and professional levels. Students should complete the course with a portfolio consisting of a resume, job application and an oral presentation. Students will have the opportunity to participate in leadership and competitive events through the FBLA Student Organization.

Business Communication 2 (10, 11, 12)

(.50 credit) **60300000**

Meets Graduation Requirement: CTE OR LA ELE (Grade 12 only)

The goal of this course is to continue on with the concepts taught in Business Communications 1. Students should complete the course with a portfolio consisting of a resume, job application and an oral presentation. Students will also gain a greater understanding of communication skills. Students will have the opportunity to participate in leadership and competitive events through the FBLA Student Organization.

Business Management (10,11,12)

(.50 credit) **65604000**

Meets Graduation Requirement: CTE

This course focuses on helping students understand sound management concepts such as; analyzing, synthesizing and evaluating data from a variety of sources. Students will also learn about critical thinking, decision making, and long-range planning, human interpersonal relations and motivational skills. Students will also have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

IB Business Management SL2 911, 12)

(1.0 credit) 65706020

IB Business Management HL2 (11, 12)

(1.0 credit) 65706120

Meets Graduation Requirement: CTE

These courses focus on helping students understand sound management concepts such as; analyzing, synthesizing and evaluating data from a variety of sources. Students will also learn about critical thinking, decision making, and long-range planning, human interpersonal relations and motivational skills. Students will also have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

Business Office Specialist (9, 10, 11, 12)

(.50 credit) **65209210**

Meets Graduation Requirement: CTE or digital studies

Students will learn and apply concepts and principles using word processing, spreadsheets, databases and electronic presentation software. Students will have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations. **Students may also prepare and take certification tests in Microsoft Office certifications in Word, Excel, Power Point and Access.**

Digital Business Applications (9, 10, 11, 12)

(.50 credit) **65246000**

Meets Graduation Requirement: CTE or Digital Studies

This courses will help students to gain knowledge and skills used to collaborate in the global and innovative business world by learning digital communications and digital media. Students will have practical experiences in using presentation skills; in speaking, podcasting, digital portfolios and how to function in the global world of business. Students will have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

Digital Media 1 (9-12)

(.50 credit) **Course Number**

Meets Graduation Requirements: CTE – Art

Digital Media is the process of analyzing, designing and developing interactive media. Digital Media 1 is the first-year digital media course where students will create and learn digital media applications while using elements of text, graphics, animation, sound, video and digital imaging for various formats. These abilities will prepare students for entry-level multimedia positions and provide fundamental 21st Century Learning skills beneficial for other occupational/educational endeavors.

Digital Media 2 (10-12)

(1.0 credit) **Course Number**

Meets Graduation Requirements: CTE – Art

Digital Media 2 is a course designed to teach the process of planning, instructional design, development, and publishing of digital media and interactive media projects. Digital Media 2 is the second-year course within digital media pathway where students will focus on developing advanced skills to plan, design, and create interactive projects using the elements of text, 2-D and 3-D graphics, animation sound, video, digital imaging, interactive projects, etc. These skills can prepare students for entry-level positions and other occupational/educational goals.

Economics (10, 11, 12)

(.50 credit) **65234000**

Meets Graduation Requirement: CTE or SSE or ELE

Economics is a social science studying the balance of wants and needs against the availability of resources. Students will learn how to identify wants and needs, resources available and balancing skills in this class. Students will also explore the market economy of the united states and how it relates to the world-wide economy. Students will have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

IB Economics SL 2 (12)

(1.0 credit) **65587320**

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 (9, 10, 11, 12)

(.50 credit) **67227500**

Meets Graduation Requirement: CTE

This course is designed to help students gain a greater understanding of the business/marketing principles needed to start and operate a business. This includes analyzing opportunities, researching ideas, developing business plans, promoting products/services and understanding capital investment. Students will have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

Marketing 1 (9, 10, 11, 12)

(.50 credit) **65221300**

Meets Graduation Requirement: CTE

This course is designed to introduce students to 7 main concepts of marketing; planning, information management, research, pricing, product/service management, pricing and promotion. Students will gain knowledge and skills as they complete hands-on projects. Students will have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

Marketing 2 (10, 11, 12)

(.50 credit) **65221500**

Meets Graduation Requirement: CTE

Students will learn advanced marketing principles and concepts while completing marketing projects which may include: creating an advertising or public relations campaign, developing a small business plan, conducting marketing research and making suggestions for improvement or completing an official FBLA/DECA project and presentation. Students will have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

Exploring Business (8)

(.50 credit) **Course Number**

Meets Graduation Requirements:

Students will have the opportunity to explore the essential concepts in the Business, Finance and Marketing Career Cluster. Students will participate in business basics, marketing, employment skills, entrepreneurship, accounting, finance, and leadership learning activities. Students will also be exposed to courses within the Business and marketing Career Pathways and leadership organizations such as FBLA and DECA.

Exploring Business & Marketing (8)

(.50 credit) **New Course**

Meets Graduation Requirement: CTE

Students will learn the basics concepts of business and marketing in this course. They will be studying; business basics, communication, human resource management, entrepreneurship, accounting, finance and leadership. Students will also be encouraged to participate in FBLA/DECA student organizations.

West High Computer Science Progression Chart

INFORMATION TECHNOLOGY

RECOMMENDED PREREQUISITE
Creative Coding (Grades 7-8) or
Exploring Computer Science (Grades 9-12)



Computer Programming 1



AP Computer Science
IB Computer Science SL 1
IB Computer Science HL 1



OPTIONAL ADVANCED COURSE
Algorithms and Data Structures



IB Computer Science SL 2
IB Computer Science HL 2



AP Computer Science Principles

Exploring Computer Science (9-12)

(.50 credit) **65261800**

Meets Graduation Requirement:

This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing on learning particular software tools or programming languages, the course is designed to focus on the conceptual ideas of computing and to help students understand why certain tools or languages are utilized to solve particular problems. The goal of Exploring Computer Science is to develop students' computational thinking practices of algorithm development, problem solving and programming within context of problems that are relevant to the lives of our students today. Students will be introduced to design, limits of computers and societal and ethical issues.

Creative Coding (7,8, 9)

(0.50 credit) **37301000**

Meets Middle School Requirements:

Learn to Code by creating real world products. This course is designed to attract and reach a diverse range of students. Students will learn how to code in a real software development environment. Students will design, program, and publish mobile apps and games that can have an impact upon their world.

3D Graphics (9, 10, 11, 12) [taught off campus via the CTC]

(.50 credit) **67419300** Fall semester

Meets Graduation Requirement CTE or ELE

Students will be learning the basics and techniques associated with computer generated images. Students will also learn about the history behind 3D graphics and career opportunities associated with these skills. Students will have the opportunity to participate in leadership and competitive events in the skills USA student organization.

fee: none

3D Animation (9, 10, 11, 212) [taught off campus via the CTC]

(.50 credit) **67419200** Spring Semester (suggested to take directly after 3D Graphics in the fall)

Meets Graduation Requirement: CTE or ELE

Students will focus on the skills necessary to put the objects/characters they created in 3D graphics into motion. Students will also learn about the career opportunities in; entertainment (gaming/movies), health sciences, architecture, aerospace, advertising and law enforcement. Students will have the opportunity to participate in leadership and competitive events in the skills USA Student Organization.

Advanced 3D Graphics & Animation (10, 11, 12) [taught off campus via the CTC]

(1.0 credit) **67419320, 67419220**

Meets Graduation Requirement: CTE

Students will continue to build upon the concepts and principles taught/learned in 3D Graphics & 3D Animation courses. Students will be putting into practice advanced level skills and knowledge relating to 3D graphic arts and 3D animation techniques. Students will continue to have the opportunity to participate in leadership and competitive events in the skills USA Student Organization.

Computer Systems 1 & 2 (9, 10, 11,12)

(Computer TIA A+ Computer Maintenance & Repair)

[taught off campus via the CTC]

(1.0 credit) **67291100**

Meets Graduation Requirement: CTE or ELE

This is a testing program sponsored by Computer TIA that certifies students in the competencies of an entry-level service technician in the computer industry. **Students who want the international certification as an entry-level technician may take the a+ examination as set forth by the industry credentials.** Students will have the opportunity to participate in leadership and competitive events in the skills USA Student Organization.

Computer Programming 1 (9, 10, 11, 12) [taught at WHS and off campus via the CTC]

(1.0 credit) **65274010**

Recommended Prerequisite: Creative Coding or Exploring Computer Science

Meets Graduation Requirement: CTE or Digital Studies or MMA

Students will learn to design, code and test their own programs while applying mathematical concepts. Students will also be introduced to programming languages such as; Delphi, C++, Java, Python or VB. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Computer Programming 2 (10, 11, 12) [taught at WHS and off campus via the CTC]

(1.0 credit) **65278020**

Meets Graduation Requirement: CTE

This course builds upon concepts taught in computer programming 1. Students will advance their understanding of the computer language of java while applying that knowledge to projects. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

AP Computer Science Principles (9, 10, 11, 12) [taught at WHS and off campus via the CTC]

(1.0 credit) **65571500**

Meets Graduation Requirement: CTE or Digital Studies or science elective

This course is designed to focus on computer science principles not just programming. Students will be learning about principles such as problem solving, creativity, modern computing, internet uses, global interactions and algorithms and their uses. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Gaming Development (10, 11, 12) [taught off campus via the CTC]

(.50 credit) **65264000**

Meets Graduation Requirement: CTE

Students will gain knowledge of basic gaming developmental concepts while completing hands on projects. Students will specifically be working with game design, scripting, creation of digital assets, graphic resources, animation and so much more. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Mobile App Development (10, 11, 12) [taught off campus via the CTC]

(.50 credit) **65265000**

Meets Graduation Requirement: CTE

Students will learn skills needed to develop apps for phones, tablets and other devices using a variety of operating systems. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Network (11-12) [taught off campus via the CTC]

(1.0 credit) **67292100**

Meets Graduation Requirement: CTE

Students will be following the CompTIA network+ objectives in preparation for the international recognition and certification required for foundation level it network employees. **Students will take state certification as well as national/international certification tests at the completion of this course.** Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

IB Computer Science SL 1 (11, 12)

(1.0 credit) **65572000**

Meets Graduation Requirement: CTE

See course description for AP Computer Science. This course is identical to AP Computer Science and IB Computer Science HL1 courses. Students should be registered for this class if they will be juniors who plan to take the IB Computer Science SL exam the following year.

IB Computer Science HL 1 (11, 12)

(1.0 credit) **65572400**

Meets Graduation Requirement: CTE

See course description for AP Computer Science. This course is identical to AP Computer Science and IB Computer Science SL1 courses. Students should be registered for this class if they will be juniors who plan to take the IB Computer Science HL exam the following year.

IB Computer Science SL 2 (11, 12)

(1.0 credit) **65572020**

Meets Graduation Requirement: CTE

This course will prepare students for the IB Computer Science SL exam at the end of the year. A large focus will be placed on students completing their Internal Assessment which will require creating customized software in Java. The topics covered in this course include system fundamentals, computer organization, networks, computational thinking, and object-oriented programming.

IB Computer Science HL 2 (12)

(1.0 credit) **65572420**

Meets Graduation Requirement: CTE

This course will prepare students for the IB Computer Science HL exam at the end of the year. A large focus will be placed on students completing their Internal Assessment which will require creating customized software in Java. This course will cover all topics in the IB Computer Science SL2 course plus abstract data structures, resource management, controls, and extended object-oriented programming.

Algorithms and Data Structures (11, 12)

(1.0 credit) **New Course (No # yet)**

Meets Graduation Requirement: CTE

Students in this course will study and create data structures including linked lists, stacks, queues, binary trees, hash tables, and maps. Additionally, students will explore algorithms including recursion, dynamic programming, and complexity analysis.

Intro to GIS (9-12)

(.50 credit) **65207000**

Meets Graduation Requirements: CTE Core/Elective

The course introduces fundamental concepts of geographical information systems (GIS) and the major functionality contained within professional GIS software. In course exercise, you will follow the GIS analytical process and work with a variety of tools to solve realistic problems. This course emphasizes practical GIS Software skills.

GIS Remote Sensing (9-12)

(.50 credit) **65207100**

Meets Graduation Requirements: CTE Core/Elective

This course is designed to introduce remote sensing of the environment through digital image processing (photography, multispectral, scanning and microwave imagery) from airplane, satellite (Landsat), and manned-spacecraft data. The goal is to develop and understanding of Inventorying, mapping, and monitoring earth resources through the measurement, analysis of interpretation of electromagnetic energy emanating from features of interest. Image interpretations practical applications in earth science, and use of remotely sensed data in geographical information systems (GIS).

AGRICULTURE EDUCATION

Companion Animal Science (9, 10, 11, 12) [taught off campus via the CTC]

(.50 credit) **67239000**

Meets Graduation Requirement: CTE

Students will learn a respect & compassion for animals through learning about animal behavior, genetics, health care, ethnology, etc. Students will also engage in many different hands on activities. Students will have the opportunity to participate in leadership and competitive events in the FFA student organization.

Guide Dog (10, 11, 12) [taught off campus via the CTC]

(1.0 credit) **67239120**

Meets Graduation Requirement: CTE

Students will focus on working with and teaching specific breeds of dogs to become companion animals for the blind or disabled. Students will have the opportunity to participate in leadership and competitive events in the FFA student organization.

Biology: Agricultural Science & Technology (9, 10, 11, 12) [taught off campus via the CTC]

(1.0 credit) **67927100**

Meets Graduation Requirement: CTE or SCI

This course meets the requirements for the biological science credit. Students will use a hands-on approach to learning biology with an emphasis on agriculture. Students will also learn about nursery operations and landscape management.

TECHNOLOGY & ENGINEERING

Electronics 1 (9, 10, 11, 12)

(.50 credit) **67259020**

Meets Graduation Requirement: CTE or SAA

This is the first in a series of 3 courses designed to help students gain an understanding of electronics in both theory and technical knowledge. Students will learn about the basics of electronics and the electronic industry while completing hands on projects. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Electronics 2 (9, 10, 11, 12)

(.50 credit) **67260220**

Meets Graduation Requirement: CTE or SAA

This is the second in a series of 3 courses designed to help students gain an understanding of electronics both in theory and technical knowledge. Students will learn how to apply technical knowledge and skills to assemble and operate electrical/electronic equipment used in business, industry and manufacturing. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Electronics 3 (10, 11, 12)

(.50 credit) **67260420**

Meets Graduation Requirement: CTE or SAA

This is the last in a series of 3 courses designed to help students gain an understanding of electronics in both theory and technical knowledge. Students will have instruction in; safety training, passive ac circuits while addressing waveforms, transformers, capacitors, and so much more. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Engineering Principles 1 (9, 10, 11, 12)

(.50 credit) **67276100**

Meets Graduation Requirement: CTE or SAA

This is the first in a 2-part series designed to help students gain a better understanding of different engineering disciplines while completing hands on projects. Students will learn about engineering while completing hands-on, lab- based activities. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Engineering Principles 2 (9, 10, 11, 12)

(.50 credit) **67276200**

Meets Graduation Requirement: CTE or SAA

This is the second in a 2-part series designed to help student gain a better understanding of different engineering disciplines while completing hands on projects. Students will build on the knowledge and skills gained in engineering principles 1. Students will have the opportunity to participate in leadership & competitive events through the skills USA student organization.

Engineering Tech (7, 8)

(.50 credit) **Course Number**

Meets Graduation Requirements:

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

Robotics Tech (8)

(.50 credit) **Course Number**

Meets Graduation Requirements:

An introductory course focused on robotic technologies and what it means to be living in an automated world. Students will gain an understanding of how robotic technologies impact the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes in connection with math and science skills that will in turn expand their opportunities in the world of automation.

Robotics 1 (10-12)

(.50 credit) **67277100**

Meets Graduation Requirement: CTE

This course is the first in a 2-part series that focuses on the learning of electrical & mechanical engineering principles through hands on, lab-based activities. Students will participate in programming and testing prototypes. Students will have the opportunity to participate in leadership and competitive events in the skills USA student organization.

Robotics 2 (10-12)

(.50 credit) **67277200**

Meets Graduation Requirement: CTE

This course is the second in a 2-part series that focuses on the learning of electrical and mechanical engineering principles through hands-on, lab-based activities. Students will learn to design, build, program and control robotic devices as they build on concepts learned in robotics 1. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Intro to GIS (9-12)

(.50 credit) **65207000**

Meets Graduation Requirements: CTE Core/Elective

The course introduces fundamental concepts of geographical information systems (GIS) and the major functionality contained within professional GIS software. In course exercise, you will follow the GIS analytical process and work with a variety of tools to solve realistic problems. This course emphasizes practical GIS Software skills.

GIS Remote Sensing (9-12)

(.50 credit) **65207100**

Meets Graduation Requirements: CTE Core/Elective

This course is designed to introduce remote sensing of the environment through digital image processing (photography, multispectral, scanning and microwave imagery) from airplane, satellite (Landsat), and manned-spacecraft data. The goal is to develop and understanding of Inventorying, mapping, and monitoring earth resources through the measurement, analysis of interpretation of electromagnetic energy emanating from features of interest. Image interpretations practical applications in earth science, and use of remotely sensed data in geographical information systems (GIS).

FAMILY & CONSUMER SCIENCE

Hospitality & Tourism Pathway

Culinary Arts

Food & Nutrition 1 (9, 10, 11, 12)

(.50 credit) **67193100**

Meets Graduation Requirement: CTE

This course is designed to teach students the basics of food and nutrition while exploring food safety/sanitation, food preparation, dietary analysis and food related careers. Students will engage in hands-on, lab-based activities as they learn the concepts/principles being taught. Students will also have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Pro Start 1 (10, 11, 12)

(1.0 credit) **67190000**

Meets Graduation Requirement: CTE (Taught on odd number end of school year.)

This course is a program sponsored by the national restaurant association educational foundation designed to introduce student to career opportunities in the restaurant and food service industry. Students will learn basic culinary art/management related skills. Students will have the opportunity to participate in student leadership and competitive events through the FCCLA student organization and Prostart team competitions.

Pro Start 2 (11, 12)

(1.0 credit) **67190200**

Meets Graduation Requirement: CTE (Taught on even number end of school year.)

This course is a continuation of the program sponsored by the national restaurant association educational foundation. Students will continue to increase their knowledge and skills in the areas of culinary arts/management. Students will continue to have the opportunity to participate in student leadership and competitive events through the FCCLA student organization and Prostart team competitions.

Baking & Pastry (11, 12)

(.50 credit) **Course Number**

Meets Graduation Requirements: CTE

This course introduces Culinary Arts students to another aspect of the Culinary Arts industry, baking and pastry. Students will gain experience with baking terminology, equipment, formula conversions, and practice methods for creating yeast breads, pastries, fillings, cakes, and cookie production. Students will also have the opportunity to practice industry workplace skills, food safety and understand the opportunities for careers within the baking and pastry industry.

Agriculture, Food & Natural Resources Pathway

Food Science; Dietetics & Nutrition

Food & Nutrition 1 (9, 10, 11, 12)

(.50 credit) **67193100**

Meets Graduation Requirement: CTE

This course is designed to teach students the basics of food and nutrition while exploring food safety/sanitation, food preparation, dietary analysis and food related careers. Students will engage in hands-on, lab-based activities as they learn the concepts/principles being taught. Students will also have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Dietetics & Nutrition 1 (9, 10, 11, 12)

(.50 credit) 67193200

Meets Graduation Requirement: CTE

This course focuses on the principles of food preparation, sports nutrition, consumerism and career options in the food industry. Students will be expected to engage in hands-on, lab-based activities. They will also have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Food Science (9, 10, 11, 12)

(.50 credit) 62015000

Meets Graduation Requirement: CTE

In this course students will learn about scientific principles and how they apply to an individuals' health and the health in their communities. Students will be learning about physical, microbiological and chemical principles that affect the food we eat. They will also be expected to engage in hands-on, lab-based experiences. Students will also have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Education & Training Pathway

Early Childhood Education

Child Development (9, 10, 11, 12)

(1.0 credit) 67221000

Meets Graduation Requirement: CTE

In this course students will be learning about the growth and development of children. They will also learn; positive guidance techniques, observation techniques and complete lab experiences in working with young children. Students will have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Early Childhood Education 1 (10, 11, 12)

(1.0 credit) 67225640

Meets Graduation Requirement: CTE

This course is designed for anyone who is interested in going into the field of child-related careers & want to begin working towards their child development associate credential (CDA). Students will be working with young children in the daycare and preschool on site at West High School while strengthening their knowledge of concepts/principles taught in child development. Students will also have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Early Childhood Education 2 (11, 12)

(1.0 credit) 67225710

Meets Graduation Requirement: CTE

This course is a continuation of early childhood education 1, where students continue to learn and work towards earning their child development associate credential (CDA). Student will continue to work with young children in the child development labs here at west high school. Students will also be required to put together a portfolio of their experiences and reflections of the work towards this credential. Students will continue to have the opportunity to participate in student leadership and competitive events through the FCCLA student organization.

Arts, Audio/Visual Tech. & Comm Pathway

Fashion Apparel Textile

Fashion Design Studio (9, 10, 11, 12)

(.50 credit) 67209200

Meets Graduation Requirement: CTE

This course explores how fashion influences our everyday lives and introduces students to the fashion industry. Students will learn fashion fundamentals, elements/principles of design, textiles, consumerism, and fashion related careers. Students will also have the opportunity to participate in student leadership and competitive events through the FCCLA student organization.

Fashion Design Merchandising (10, 11, 12)

(.50 credit) 65261020

Meets Graduation Requirement: CTE

This course is designed to introduce students to the concepts of entry-level business and fashion principles. Students will be learning basic fashion concepts, marketing terminology, fashion cycles, fashion industry components, etc. Students will continue to have the opportunity to participate in student leadership and competitive events through the FCCLA student organization.

Sewing Con Textiles 1 (9, 10, 11, 12)

(.50 credit) **67191100**

Meets Graduation Requirement: CTE

In this course students will learn the basics in relation to apparel design and construction of clothing. Students will complete hands-on projects & have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Sewing Con Textiles 2 (9, 10, 11, 12)

(.50 credit) **67192100**

Meets Graduation Requirement: CTE

Students will continue to learn and build upon the concepts learned in sewing Con Textiles 1. Students will be required to complete intermediate hands-on projects and have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Sewing Con Textiles 3 (10, 11, 12)

(1.0 credit) **67209030**

Meets Graduation Requirement: CTE

This course will provide students with apparel or interior design opportunities using soft goods/textiles and construction/production skills which will focus on entrepreneurial opportunities and careers in design fields. Experiences may include pattern design, apparel design and construction, fitting and alteration, and interior design projects. (Students can repeat the course for credit as they work towards certification.) Student leadership and competitive events (FCCLA) may be an integral part of the course.

Recommended prerequisite: Sewing 1 & 2; Sport Design 1 & 2.

Sports Prod Design 1 (9, 10, 11, 12)

(.50 credit) **67195020**

Meets Graduation Requirement: CTE

Students learn basic design and construction skills using fabrics suited to make outdoor/sports related projects. Students will also be introduced to the opportunities in the outdoor/sports industry. They will also have the opportunity to participate in student leadership and competitive events through the FCCLA student organization.

Sports Prod Design 2 (9, 10, 11, 12)

(.50 credit) **67196020**

Meets Graduation Requirement: CTE

Students will continue to build on their sports/outdoor production techniques and complete intermediate hands-on projects. Students will have the opportunity to participate in student leadership and competitive events through the FCCLA student organization.

Family & Human Services Pathway

Human Services

Behavioral Health, Intro (9, 10, 11, 12)

(.50 credit) **New Course**

Meets Graduation Requirement: CTE

In this course students are introduced to the Behavioral Health Industry. Topics include self-concept, effective communication, healthy relationships, addictive behaviors, mental health disorders and protective laws and rights of patients and practitioners. Students will also participate in student leadership and competitive events through the FCCLA student organization.

Individual & Family Relationships (10, 11, 12)

(.50 credit) **67238100**

Meets Graduation Requirements: CTE

Students will study development skills to build/maintain healthy self-concept and communication skills for individuals, family and community, marriage, peers, and professionally. Emphasis establishing relationships in diverse family systems, and personal development as relate to careers in this field. Students will also participate in student leadership and competitive events through the FCCLA student organization.

Fees: none

Architecture and Construction Pathway

Interior Design

Interior Design 1 (9, 10, 11, 12)

(.50 credit) 67901000

Meets Graduation Requirement: CTE

In this course students will explore their creativity as it relates to the field of interior design. Students will learn how to identify the elements/principles of design, basics of furniture arrangements, floor plans and so much more. They will also have the opportunity to participate in student leadership and competitive events through the FCCLA student organization.

Interior Design 2 (9, 10, 11, 12)

(.50 credit) 67905000

Meets Graduation Requirement: CTE

Students will continue to develop skills and abilities applying the elements/principles of design. Students will learn about architecture, furniture styles, construction, surface treatments, design and function of space/lighting. Students will also have the opportunity to participate in student leadership and competitive events through the FCCLA Student Organization.

Interior Design 3 (10, 11, 12)

(1.0 credit) 67904100

Meets Graduation Requirement: CTE

Students will continue to advance their skills and abilities in applying the elements/principles of design as they create a portfolio of projects applying all concepts taught previously in interior design 1 & 2. Students will add to their knowledge about fabrics, furniture, color schemes, etc. Students will also continue to have the opportunity to participate in student leadership and competitive events through the FCCLA student organization. Recommended prerequisite: Interior Design 1 & 2. (Taught at Highland)

HEALTH SCIENCE

Emergency Careers (9, 10, 11, 12) [taught off campus via the CTC]

(.50 credit) 67942150

Meets Graduation Requirement: CTE

This course introduces students to the basic knowledge and skills needed to become a firefighter, EMT or other health related professions. Students will be learning about healthy living, communication skills, and presentation skills. **Students will have the opportunity to take the CPR and CERT (Community Emergency Response Team) tests and gain those industry certifications.**

EMT Patient Preparation Assessment (Seniors only) [taught off campus via the CTC]

(.50 credit) 67942300 Fall Semester

Meets Graduation Requirement: CTE

This course is a new requirement for a student to gain their EMT certification. Students will build upon the knowledge gained in Medical Terminology And Medical Anatomy & Physiology while preparing to apply it in case studies and patient scenarios. **Students will have the opportunity to prepare and take the NREMS exam for certification as well as becoming CPR certified.**

Fee: \$17 paid to the school treasurer for CPR Certification; \$80 for the National EMT Certification exam paid to the NREMT with application; and \$107 State EMS fee paid to BEMS with application. Fees should be paid by September 20th to avoid late fees.

EMT Basic Certification (Seniors only) [taught off campus via the CTC]

(.50 credit) 67942200 Spring Semester Only- Double Blocked Course

Meets Graduation Requirement: CTE

This course is designed to prepare students who are interested in gaining their EMT basic certification. Students will learn to perform; initial medical diagnosis, treatment and comprehensive care in medically critical situations. This program will also allow students to learn basic principles of pharmacology including anesthetic's, surgical techniques, operation of emergency medical equipment, delivery of babies, etc. **Upon completion of this course students will be prepared to take and pass the national and state exams related to obtaining their EMT basic industry certifications.**

Fee: see above

Exercise Science & Sports Medicine (11, 12)

(1.0 credit) 68801000

Meets Graduation Requirement: CTE

This course is designed to teach students the basic components of exercise science and sports medicine. Students will learn about; therapeutic health related careers, application of medical terminology and map, first aid, injury prevention, healing process, rehabilitation processes, including therapeutic modalities, etc. Students will have the opportunity to participate in leadership and competitive events through the HOSA student organization.

IB Sports Exercise Health Sci SL2 (12)

(1.0 credit) **68710200**

Meets Graduation Requirement: ELE

This course fulfills the requirements for IB Standard level science. The focus of the course is to take a scientific look at athletics and sports and gain an understanding of the forces involved in human movement and the implements that are used in sports. The emphasis is Exercise Physiology, and will include the following topics: Anatomy, Energy Systems, Movement Analysis, Skill Acquisition, Measurements and Evaluation of Human Performance, and Physical Activity and Health.

Exploring Health Science (9-12)

(.50 credit) **Course Number**

Meets Graduation Requirements: Elective/CTE

An exploratory and hands-on course designed to increase awareness of health science professions and explore opportunities in the Health Science pathway. The course explores legal and ethical behaviors, basic communication skills, basic structures and functions of the body, basic healthcare and first aid skills. Students will gain knowledge of the Career and Technical Student Organization (CTSO) associated with healthcare – HOSA: Future Health Professionals, and possible participation in the CTSO if available at their school.

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

(.50 credit) **67929000**

(1.0 credit) **67929200** (This course includes 0.50 health credit)

Meets Graduation Requirement: CTE

This course is designed for students who may be interested in going into a career in the health professions. Students will learn about educational options, beginning anatomy & physiology, medical terminology, medical ethics, diseases and disorders. They will also have the opportunity to participate in leadership and competitive events through the HOSA student organization.

Medical Anatomy and Physiology (10, 11, 12)

(1.0 credit) **67939000**

Meets Graduation Requirement: CTE, SAA

This course is designed for students who are interested in going into the career field of health sciences. Students will learn more about human biology while completing labs and other hands on activities. This course does require a lot of memorization and time commitment for studying. Students will have the opportunity to participate in leadership & competitive events through the HOSA student organization.

Advanced MAP (12)

(1.0 Credit) **Course Number**

Meets Graduation Requirements:

Integrated Human Anatomy and Physiology I is the first semester of a two-semester anatomy and physiology sequence that focuses on the structure and function of the human body. Course topics include the atomic, molecular, cellular, and tissue levels of organization; and the integumentary, skeletal, and muscular systems. Formative exercise and weekly integrated laboratory sessions will enhance your understanding of the material by providing you practice in data analysis and activities using cadaver specimens and interactive digital cadaver technology. This course meets the life science (LS) general education learning outcomes for the university. Completion of HTHS 1101 is strongly recommended before taking HTHS 1110.

Integrated Human Anatomy and Physiology II (12)

(1.0 credit) **Course Number**

Meets Graduation Requirements:

Integrated Human Anatomy and Physiology II is the 4-credit-hour, second semester of a two-semester anatomy and physiology sequence that focuses on the structure and function of the human body. Course module topics include the nervous, endocrine, cardiovascular (blood),

cardiovascular (heart and blood vessels), respiratory, digestive, urinary, and reproductive systems. Integrated laboratory sessions enhance the lectures through discussion, data analysis, hands-on activities, and the use of cadaver specimens and interactive digital cadaver technology.

Medical Terminology

(Concurrent Enrollment Available)

(.50 credit) **67630000**

Meets Graduation Requirement: CTE and possibly 3 college credits

This course is designed to help students understand the Greek and Latin-based language of medicine and health care. Students will learn word roots, suffixes, prefixes, abbreviations, symbols, and anatomical terms including proper pronunciation, spelling and use of these words. This course does require a lot of memorization and time commitment for studying. Students will have the opportunity to participate in leadership & competitive events through the HOSA student organization.

Intro to Forensics 1 (10, 11, 12) [taught off campus via the CTC]

(.50 credit) **67914000**

Meets Graduation Requirement: CTE or SAA

This course is designed to help students learn about how health science and medical forensics work together. Students will learn how to identify, analyze and process information using critical thinking and problem-solving skills. Students will also be introduced to various laboratory skills. Students will have the opportunity to participate in leadership & competitive events through the HOSA student organization.

Forensics 2 (10, 11, 12) [taught off campus via the CTC]

(.50 credit) **67914040**

Meets Graduation Requirement: OR SAA

This course is designed to help students build upon the knowledge gained in medical forensics 1. Students will continue to have the opportunity to participate in leadership & competitive events through the HOSA student organization.

(Certified) Nurse Assistant (11, 12) [taught off campus via the CTC]

(1.0 credit) **67933000**

Meets Graduation Requirement: CTE

This course is designed for students who have an interest in performing routine nursing services for patients in hospitals or long-term care facilities. Students will learn the needed skills under the direction of a registered nurse or licensed practical nurse. The goal is for students to take and pass the state licensing exam. Students will have the opportunity to participate in leadership and competitive events through the HOSA student organization. Must have successful completion of Medical Terminology and Medical Anatomy & Physiology classes. Must be turning 18 within 30 days of the completion of the course to qualify to take the state exam. **Students may earn a state industry certification upon passing the state exam.**

Fee: \$25 paid to the school treasurer, \$17 CPR certification fee also paid to the school treasurer, optional fee of \$24 for owning your own blood pressure cuff & stethoscope also paid to the school treasurer

Additional fees: (these must be paid directly to the state agencies and are required for students to participate in the clinical rotations as part of the state licensing)

\$30 for a 2 step TB test (immunizations and TB testing may be covered under personal insurance or with a primary care doctor)

\$26 for a Urine Drug Test

\$75 State Certification Test

Medical Assisting (Seniors only) [taught off campus via the CTC]

67936200 Double blocked

Meets Graduation Requirement: CTE

This course is designed for students who have an interest in becoming and fulfilling the responsibilities of a medical assistant. Students will learn the skills needed to work in a physicians' office including: medical record management, phlebotomy, telephone triage, minor surgical procedures, injections, billing and coding, iv placement, etc. Students will be participating in hands-on, lab-based activities throughout the course and have the opportunity to participate in leadership and competitive events through the HOSA student organization. **Students may earn industry certification upon the passing of the different exams.** Successful completion of Medical Terminology & Medical Anatomy & Physiology classes and must be turning 18 within 30 days of completion of the course to qualify to take the board exams.

Fee: \$25 paid to the school treasurer, \$17 CPR certification fee also paid to the school treasurer, optional fee of \$24 for owning your own blood pressure cuff & stethoscope also paid to the school treasurer

Additional fees: (these must be paid directly to the state agencies and are required for students to participate in the clinical rotations as part of the state licensing.)

\$30 for a 2 step TB test (immunizations and TB testing may be covered under personal insurance or with a primary care doctor)

\$51 hepatitis b virus surface antibody

\$26 for a Urine Drug Test
\$17 background check for students doing rotations at the University of Utah only
\$75 state certification test
\$90 NCCT (NATIONAL) MA Certification Fee

BROADCASTING AND DIGITAL MEDIA

COMMUNICATION

Digital Audio 1 (9,10,11,12)

(.50 credit) **67270420**

Meets Graduation Requirement: CTE

This course is designed to provide students with the basic knowledge and skills related to audio broadcasting and audio production. This course includes instruction and hands-on assignments in the following areas: radio, TV, podcasting, live sound, studio recording, and producing. Students will create original content through hands-on assignments. Students will have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Digital Audio 2 (10,11,12)

(.50 credit) **67270520**

Meets Graduation Requirement: CTE

This course builds on Digital Audio 1, with an emphasis in creating authentic audio productions such as podcasts, live broadcast, studio recordings, and film soundtracks. Students will have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Television Broadcasting 1 (9, 10, 11, 12)

(.50 credit) **67272200**

Meets Graduation Requirement: CTE

Students can experience a wide variety of creative technology activities. While learning about camera operation, audio recording, lighting systems, production, studio operations, control room operations, visual effects, graphic design and copyright laws. Students will have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Television Broadcasting 2 – TV West (11, 12)

(1.0 credit) **67272400**

Meets Graduation Requirement: CTE

Students will continue to build upon the skills learned in Television Broadcasting 1 as they develop and produce the school news show. Additional instruction in new production along with hands-on, lab-based experiences makes this class a gateway to the industry. Students will have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Video Production 1 (9, 10, 11, 12)

(.50credit) **67270300**

Meets Graduation Requirement: CTE

Students will be introduced to the basics of the video production industry. There will be hands-on activities including; camera operation, audio systems, lighting systems, pre-production, studio operation, and etc. Students will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Video Production 2 (10, 11, 12)

(1.0 credit) **67270700**

Meets Graduation Requirement: CTE

This course is designed for students to continue to build their skills that they learned in Video Production 1. Students will continue to learn about filmmaking and how to apply that knowledge in hands-on activities. They will also be creating a portfolio of their work during this course. Students will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

IB Film HL1/Video Filmmaking/FLM1045 CE (11)

(1.0 credit) **66102830**

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. The HL1 course is available to juniors and comprises the first year of the IB Film HL course.

IB Film HL2/Video Filmmaking 2 (12)

(1.0 credit) **66102840**

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercise in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. The HL2 course is available to seniors and comprises the second year of the IB Film HL course.

AUTOMOTIVE

Auto Level 1 Introduction (10, 11, 12)

(1.0 credit) **67230500**

Meets Graduation Requirement: CTE

This course is designed to help students begin to understand the basics of auto service. Students will learn about equipment, tools, materials, processes and techniques related to auto service. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Auto Level 2 Brakes and Suspension

(1.0 credit) **67793000**

Meets Graduation Requirement: CTE

This course is designed for students who want to advance their skills and work towards industry certification in the field of auto service technician. Students will be learning about; safety, diagnosis of malfunctions, repair of braking and steering/suspension systems. They will be expected to engage in hands-on, lab-based activities. Students will be given the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Auto Level 3 ASE Electric (12)

(1.0 credit) **67795000**

Auto Level 4 ASE Engine (12)

(1.0 credit) **67797000**

(Double Blocked Auto 3 & Auto 4 for Seniors Only)

Meets Graduation Requirement: CTE

This course is the last part of a 3-part series preparing students to work in the automotive service technician industry. Students will be trained in the safety diagnosis of malfunctions for engines and electrical systems in automobiles. All information taught is based on the ASE industry standards. They will be expected to engage in hands-on, lab-based activities. Students will be given the opportunity to participate in leadership and competitive events through the Skills USA Student Organizations.

Auto Collision Repair Refinishing – Beginning (10, 11, 12) [taught off campus via the CTC at East High]

(1.0 credit) **67235320**

Meets Graduation Requirement: CTE

This course is designed to teach students the basics in repair of uni-bodies, fenders and frames of automobiles. Students are expected to engage in hands-on, lab-based activities. They are also given the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Auto Collision Non-Structural – Advanced (10, 11, 12) [taught off campus via the CTC at East High]

(1.0 credit) **67234700**

Meets Graduation Requirement: CTE

This course builds upon the skills and learning in auto collision repair refinishing (beginning). Students will continue on with training in refinishing and painting of automobiles. Students are expected to engage in hands-on, lab-based activities. They are also given the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

HUMAN SERVICES

Barbering 1 (10, 11, 12) [taught of campus via the CTC]

(1.0 credit) **67140000**

Meets Graduation Requirement: CTE

This course is designed to teach students basic barbering techniques both in theory and practical experiences. Students will learn about the basic care for men & women's hair, styling, shaving and small business practices.

Fee: \$25 paid to the school treasurer, optional fees are assessed if a student wants to purchase their own personal barbering kit including basic items-approximately \$40.

Barbering 2 (11, 12) [taught off campus via the CTC]

(1.0 credit) **67142000**

Meets Graduation Requirement: CTE

This course will help students build upon the skills taught in Barbering 1. Students will continue to learn and study both in theory and practical experiences. Students wishing to continue on to the DATC will have their hours in class counting towards their final certification for cosmetology/barbering (if both courses are successfully completed it will equal to 50 hours required for the 300 hours necessary for state licensure).

Nail Technician 1 (10, 12) [taught off campus via the CTC]

(1.0 credit) **67180210**

Meets Graduation Requirement: CTE

This course is designed to introduce students to the fast-growing creative industry of nail technology. Students will learn about the art, science, hygiene and personal service skills required to succeed in this industry.

Nail Technician 2 (11, 12) [taught off campus via the CTC]

(1.0 credit) **67178270**

Meets Graduation Requirement: CTE

This course is designed to continue on with the study of the nail technology industry. Students will be engaged in hands-on, lab-based activities such as; designing, sculpting and applying nail enhancements. Students wishing to continue on to the DATC will have their hours in class counting towards their final certification for nail technology (if both courses are successfully completed it will equal to 50 hours required for the 300 hours necessary for state licensure).

MANUFACTURING

Woods Intro SEM (9, 10, 11, 12)

(.50 credit) **67288100**

Meets Graduation Requirement: CTE

This is the first course in a series that helps students learn about; different types of wood, skills needed to prepare simple projects, repair and safety as it relates to shop equipment/tools. Students will be expected to engage in hands-on, lab-based activities. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student organization.

Woods 2 (Furniture Design & Manufacturing)

Woods 3 (Cabinet Making) (11, 12)

(1.0 credit each) **67289100, 67284900**

Meets Graduation Requirement: CTE

This is the third in a series of woodworking courses designed for students who are interested in pursuing a career in this industry. Students will be expected to engage in hands-on, lab-based activities including advanced projects. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Welding Techn- Level 1 (9, 10, 11, 12) [taught off campus via the CTC at Highland High]

(1.0 credit) **67249300**

Meets Graduation Requirement: CTE

This course is designed to introduce students to the world of the welding industry. Students will learn about gas metal arc welding, shielding metal arc welding, and oxy-fuel cutting welding techniques. Students are expected to engage in hands-on, lab-based activities. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Welding Tech- Level 2 (10, 11, 12) [taught off campus via the CTC at Highland High]

(1.0 credit) **67249300**

Meets Graduation Requirement: CTE

This course builds upon skills taught in entry level welding. New skills/techniques with flux cored arc welding, gas tungsten arc welding, air carbon arc welding and plasma cutting will be taught. Students are expected to engage in hands-on, lab-based activities. They will also have the opportunity to continue to participate in leadership and competitive events through the Skills USA Student Organization.

Welding Tech- Level 3 (11, 12) [taught off campus via the CTC at Highland High]

(1.0 credit) **67249440**

Meets Graduation Requirement: CTE

This course is a continuation of learning about the welding industry. Advanced skills in GMAW, SMAW, FCAW, GTAW, CAC-A, oxy fuel cutting and robotic plasma cutting will be taught. Students are expected to engage in hands-on, lab-based activities and attend class regularly. They will continue to have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

VISUAL ARTS

Commercial Photo 1 SEM (9, 10, 11, 12)

(.50 credit) **66223800**

Meets Graduation Requirement: CTE or FA

This is an introduction to the world of commercial photography. Students will learn about image capture, image editing, image output and the purchase of digital cameras. Students will be expected to engage in hands-on activities. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Commercial Photo 2 YEAR (10, 11, 12)

(1.0 credit) **66224620**

Meets Graduation Requirement: CTE or FA

This course is designed for students who want to further their knowledge and photographic abilities. Students will continue building on the information learned in basic digital photo with an emphasis on professional photography as they build a portfolio. Students are expected to participate in hands-on, lab-based activities. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Commercial Art 1 SEM (Introduction)(9, 10, 11, 12)

(.50 credit) **67421220**

Meets Graduation Requirement: CTE or FA

This is a basic visual arts course that focuses on general principles/techniques for communicating ideas/information. Students will learn about using drawing, painting, computer graphics, etc. to communicate ideas for promoting products to both consumers and businesses. Students will be expected to engage in hands-on, lab-based activities. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Commercial Art 2 (Industrial Design) (10, 11, 12)

(1.0 credit) **67423120**

Meets Graduation Requirement: CTE or FA

This course is designed for the artist who enjoys applying their knowledge and skill to create 3 dimensional products. Students are expected to engage in hands-on lab-based activities to learn 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. This class was formally the industrial design/jewelry class.

Commercial Art 3 (Jewelry Making) (9, 10, 11, 12)

(1.0 credit) **67420410**

Meets Graduation Requirement: CTE or FA

This course is designed to provide a more advanced approach to the skills learned in commercial art 2. Students will continue to engage in hands-on activities in three-dimensional design and small metals fabrication and casting. Students will build a professional portfolio with opportunities to display and/or sell work. This course will expand the scope of 3-D materials and prepare students for creation of a college level 3-dimensional portfolio.

WORK-BASED LEARNING

CTE Internship (11, 12)

(.50 credit) **67320000**

Meets Graduation Requirement: ELE

This course is an excellent alternative to Home Release and is available for eligible juniors and seniors. During the semester you will spend approximately 60 hours off-campus at an internship site, and approximately 24 hours in-course working on the job application process, goal setting, teamwork, positive habits, etc. In the internship you will work with professionals in an industry to get a good idea of the career and the requirements to enter that career. You should have a specific interest in a career path and be involved in courses that support the internship. This course gives you a competitive edge when you graduate from high school. The experience gained in this course can be added to job, college, and scholarship applications. The course will also give you a better idea of what careers you want to pursue after graduation. This course helps you complete a CTE Pathway. Talk to your counselor about enrolling in a CTE Internship course today. Or Contact the Work based learning Coordinator in the CTE Office, Room 318.

Work Release (11, 12)

(.50 credit) **69247000**

Prerequisite: CTE Coordinator Approval, Enrollment in a CTE class and Teacher signature is required

Meets Graduation Requirement: ELE

This program offers on-the-job experience related to a career goal and course of study. It is designed to bridge the gap between school and work. Students must have a career goal identified and a CTE Skill course related to their WBL experience to participate. Must fill out application papers with CTE Coordinator.

Physical Education / Lifetime Activities

Physical Education 7 (7)

(.50 credit) **38235000**

Meets Middle School Requirement: PE 7

Students will begin to develop a solid foundation in physical education skills and knowledge. They are still mastering basic manipulative skills and starting to engage in lead-up games and drills that provide a progression toward participation in regulation play. Instruction includes an introduction to training principles and activities that can enhance health-related fitness. Students exhibit personal responsibility in a group setting by working well with others, accepting feedback, and understanding how rules and etiquette contribute to a safe and enjoyable environment. Students understand that physical activity provides the opportunity for enjoyment, challenges, self-expression, and social interaction.

Physical Education 8 (8)

(.50 credit) **38238000**

Meets Middle School Requirement: PE 8

Students will continue to participate in instructional physical activities. Experiences will increase in complexity. Students will continue to practice skills in modified games but increasingly participate in regulation games with more complex playing environments. This class incorporates more in-depth instruction and training principles that can enhance health-related fitness. Students will use tactics utilizing space, pathways, shapes, levels, speed, direction, force, and strategy for effective movement in an activity setting. Students will identify the components of designing, monitoring, and evaluating physical fitness, understanding the importance of attention to minimal fitness needs and implementing essential components to maintaining a lifetime of fitness.

Beginning Fitness/Team Sport (7, 8)

(.50 credit) **38250000**

Meets Middle School Requirement: PE

The main emphasis is on team and group activities. Students will participate in various instructional physical activities while building foundations and exploring more advanced movements and concepts. This class incorporates in-depth instruction and training principles that can enhance health-related fitness. Students will identify, analyze, and explore the components of physical fitness. Students will exhibit personal responsibility in a group setting by working well with others. Students will explore physical activities which provide enjoyment, challenges, self-expression, and social interaction.

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

(.50 credit each) **68109000 / 68200000**

Meets Graduation Requirement: PSF

These courses provide students with the opportunity to develop skills, knowledge, and techniques in a variety of individual and team activities. These courses help students develop and implement personal fitness plans to improve their level of physical fitness. Students will use tactics utilizing space, pathways, shapes, levels, speed, direction, force, and strategy for effective movement in an activity setting. Emphasis is placed on exposure to a variety of aerobic and anaerobic activities, understanding the components of fitness, teamwork and stress management. This course is required for graduation.

Lifetime Activities (10, 11, 12)

(.50 credit) **68204000**

Meets Graduation Requirement: LA

In this class, students will develop skills in a variety of team and individual activities. They will be able to use those skills while in high school and long after graduating. Some of the activities in this class include golf, badminton, tennis, volleyball, hiking, swimming and pickle ball. This class also provides instruction designed to improve and maintain fitness and cardiovascular levels. Our goal is to provide students with the knowledge, attitudes and skills to be active for a lifetime.

Team Activities (10, 11, 12)

(.50 credit) **68216000**

Meets Graduation Requirement: LA

This course provides students with the opportunity to develop skills, knowledge, and techniques in a variety of team sports. It will also explore healthy eating habits, fitness concepts, exercise, basic anatomy and physiology, problem solving, stress management, self-expression and conquering fears related to sports and fitness. Students will learn to model responsible behavior while engaged in physical activity, as well as fill a need for challenge, social interaction and enjoyment.

Weight Training (Strength & Conditioning) (10, 11, 12)

(.50 credit) **68221000**

Meets Graduation Requirement: LA

This class introduces students to strength & conditioning concepts and activities such as weight training, calisthenics, resistance-band training, running, kettle bells, and more. Students will explore exercise guidelines and safety precautions, as well as begin to design personal exercise plans. Powerlifts such as squats, deadlifts and bench press will be introduced along with the proper technique and methods for implementation. All components of fitness will be emphasized. No experience required.

Yoga

(.50 credit) **68215000**

(7

-12)

Meets **Graduation** **Requirements:** LA, ELE

This is a class that allows students to explore the various movements, concepts and overall teachings within yoga. Emphasis will be placed on practicing various types of yoga, focusing on breath work, analyzing alignment and anatomy, as well as discussing yoga philosophy. Mindfulness, meditation, and relaxation techniques will also be a major part of this course. No experience required.

Athletics (9, 10, 11, 12)

(.50 credit) **68908000**

Meets Graduation Requirement: PE Lifetime Activities (LA)

This course is encouraged for all students that want to try out for West High athletic teams (Sophomore, JV, Varsity). Training may be provided. The course will provide a training opportunity for students to improve their athletic skills and fitness. Physical areas of emphasis will include: stability, mobility, strength, power, endurance, speed, quickness, agility, flexibility and cardio. During the competitive season athletes work out with their teams. During the off-season this course focuses on body conditioning, weight training, and endurance. Athletic Director and Coach Signature Required.

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

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

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: auditions 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.

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

(.50 credit) **66105000**

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**

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**

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**

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**

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**

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**

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**

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**

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**

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 (10, 11, 12)

(1.0 credit) 67929200

Meets Graduation Requirement: CTE, Health

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. This is a year-long course in which the introduction to Health Sciences curriculum has been integrated with general health curriculum to allow for more in depth cohesion. Students will explore career possibilities in health care and the education needed to compete in the job market. This course covers basic anatomy and physiology, medical terms, medical ethics, and diseases and disorders, and prepares students for more advanced information in Medical Anatomy & Physiology. Class will have a lab fee.

IB Sport Exercise Health SL1 & SL2 (11, 12)

(1.0 credit) 68710000 /68710020

Meets Graduation Requirement: CTE

These courses 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

AVID (9, 10, 11, 12)

(1.0 credit 10, 11, 12) 69230000, 69230010, 69230020, 69230030

Meets Graduation Requirement: ELE

AVID is a four-year elective program that supports students in college-preparatory classes and helps build the skills, knowledge, organization, and determination to attend college. Students receive tutoring and support through the college and scholarship application processes, and become members of an AVID family comprised of other students working hard to achieve their college dreams. Students from backgrounds that are underrepresented in college, such as first-generation, low-income, and students of color, are encouraged to apply. This program is most effective when taken all four years of high school and in combination with Honors, AP, IB, and Concurrent classes.

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)

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.

Individual & Family Relationships (10, 11, 12)

(.50 credit) 67238100

Meets Graduation Requirements: CTE

Students will study development skills to build/maintain healthy self-concept and communication skills for individuals, family and community, marriage, peers, and professionally. Emphasis establishing relationships in diverse family systems, and personal development as relate to careers in this field. Students will also participate in student leadership and competitive events through the FCCLA student organization.

Fees: none

Naval Science 1 JROTC (9, 10, 11)

(1.0 credit) **68281010**

Meets Graduation Requirement: ELE (Students who complete a full year of JROTC will be given .50 credit of Lifetime Activity credit as well as .50 credit ELE. The Navy Junior ROTC Program is designed to teach leadership, good citizenship, military orientation, and physical fitness. This is accomplished through a broad-based academic program that includes leadership, oceanography, basic seamanship, naval history, first aid, sea power, maritime geography orienteering, 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 marksmanship, orienteering, drill, and physical training. 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 Marksmanship Team, and Color Guard. Trips to military bases/ships are also conducted with interested students.

Naval Science 2 JROTC (10, 11)

(1.0 credit) **68281020**

Meets Graduation Requirement: ELE (Students who complete a full year of JROTC will be given .50 credit of Lifetime Activity credit as well as .50 credit ELE. This course builds on the skills and knowledge gained in Naval Science 1I. Curriculum for Naval Science 2 and Naval Science 3 alternate every other year. Curriculum includes Sea Power studies from the Romans to the American Civil War.

Naval Science 3 JROTC (10, 11)

(1.0 credit) **68281030**

Meets Graduation Requirement: ELE

This course builds on the skills and knowledge gained in Naval Science 1I and 2. Curriculum for Naval Science 2 and Naval Science 3 alternate every other year. Curriculum includes Sea Power studies from World War I to present day conflicts.

Naval Science 4 JROTC (12)

(1.0 credit) **68284000**

Meets Graduation Requirement: ELE (This class is for Seniors only) Students who complete a full year of JROTC can choose to receive will be given .50 credit of Lifetime Activity credit as well as .50 credit ELE. This course builds on the skills and knowledge gained in Naval Science I. This course is to help strengthen and reinforce the skills learned in previous JROTC classes. This course builds on the skills and knowledge gained in Naval Science I. This course is to help strengthen and reinforce the skills learned in previous JROTC classes. It will prepare a student in leadership abilities that can be used for a lifetime, whether it be in active military service or in regular life experiences. Curriculum includes leadership and ethics case studies and opportunities to practice leadership through real world experiences and activities. Seniors joining JROTC for the first time will have basic Naval Science I curriculum incorporated into their learning.

Supervised Study (9, 10, 11, 12)

(.50 credit) **69244700**

Meets Graduation Requirement: ELE

This class an individualized credit recovery class. It is intended to help students make up credits for failed classes and maintain their graduation status. Each class is one semester long. Student will also be eligible for a P/F grade for participation and will count towards elective credits on the transcript. Students and parents will work with their teacher to find the most appropriate program to make up credits.

Reading II (10, 11, 12)

(1.0 credit) **60222000**

Meets Graduation Requirement: ELE

This class is designed to support reading comprehension. Through close readings of short stories, poetry, drama, novels, and non-fiction essays, students will develop their skills in critical reading and analysis. This course will incorporate a variety of learning activities, including: Readings of various selections and genres and associated assignments. Repeated reading to build fluency and foster close analysis. Vocabulary instruction in context with readings. Explicit phonics instruction. Depending on the student's RI score, he/she will be placed in Reading II (0-500), or Reading III (501-950)

Reading III (10, 11, 12)

(1.0 credit) **60230000**

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. Depending on the student's RI score, he/she will be placed in Reading II (0-500), or Reading III (501-950).

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

(1.0 credit) **69374000**

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**

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) **69190000**

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**

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**

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**

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.

Stage Crew (9, 10, 11, 12)

(1.0 credit) **67941000**

Meets Graduation Requirement: ELE

This course is designed with the non-acting student in mind. Students will work on the technical elements associated with producing a theatrical performance. Many times they will need to work after school to complete projects. This course is designed for all abilities and technical skills and levels. 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.

Outdoor Adventures (9, 10, 11, 12)

(1.0 credit) **Unknown**

Meets Graduation Requirement: ????

Let's learn outside! This course is all about building skills, Dispositions, and motivations for getting outside, exercising, and enjoying the vast array of opportunities that the environment offers. Students will learn to hike, backpack, set up a camp, prepare food, and recreate in the wilderness safely. Teamwork is essential: a primary goal of the course is to consider the needs of every single participant so that the course end trip accommodates everyone and is a fun and safe trip. Students will learn how to cook meals outside, read trails and weather, navigate by map and GPS; start and put out a fire, set up a shelter; maintain proper hydration, and provide for safety.

Released Time - Seminary (9, 10, 11, 12)

(0.0 credit) **69903000, 69904000**

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.

Classes are also formulated from the curriculum of the standard courses of Secondary Math 1, Secondary Math 2, World Geography, World History, and Earth Science. They are customized to fit the needs of our LEP students.

English Language Development I (9, 10, 11, 12)

(1.0 credit) **60859100**

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**

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**

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**

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)

60804100 Language Arts ESL 9 ESL I

60815100 Language Arts ESL 10 ESL I

60828100 Language Arts ESL 11 ESL I

60840100 Language Arts ESL 12 ESL I

Testing Guidelines: 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)

60805100 Language Arts ESL 9 ESL II

60816100 Language Arts ESL 10 ESL II

60829100 Language Arts ESL 11 ESL II

60841100 Language Arts ESL 12 ESL II

Testing Guidelines: 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

Career & Technical Education OFF CAMPUS classes

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** (Fall Semester)

Meets Graduation Requirement: CTE or ELE

Site Location: Career & Technical Center

Students will be learning the basics and techniques associated with computer generated images. Students will also learn about the history behind 3D graphics and career opportunities associated with these skills. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

3D Animation (10, 11, 12)

(.50 credit) **67419300**

Site Location: Career & Technical Center

Students will focus on the skills necessary to put the objects/characters they created in 3D Graphics into motion. Students will also learn about the career opportunities in; entertainment (gaming/movies), health sciences, architecture, aerospace, advertising and law enforcement. Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Advanced 3-D Graphics (11, 12)

(.50 credit) **67419000**

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**

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.

Collision Repair Technician Level 1 (10, 11, 12)

(1.0 credit) **67235300**

Location: East High thru Tech Center

Meets Graduation Requirement: CTE

This course is designed to teach students the basics in repair of uni-bodies, fenders and frames of automobiles. Students are expected to engage in hands-on, lab-based activities. They are also given the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Fee: \$25 plus individual projects

Collision Repair Level 2 (10, 11, 12)

(1.0 credit) **67234700**

Location: East High thru Tech Center

Meets Graduation Requirement: CTE

This course builds upon the skills and learning in auto collision repair refinishing (beginning). Students will continue with training in refinishing and painting of automobiles. Students are expected to engage in hands-on, lab-based activities. They are also given the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Fee: \$25 plus individual projects

Barbering 1– CTC (11, 12)

(1.0 credit) **67140000**

Site Location: Career & Technical Center

This course is designed to teach students basic barbering techniques both in theory and practical experiences. Students will learn about the basic care for men & women's hair, styling, shaving and small business practices.

Fee: \$25 paid to the school treasurer, optional fees are assessed if a student wants to purchase their own personal barbering kit including basic items- approximately \$40.

Barbering 2– CTC (11, 12)

(1.0 credit) **67142000**

Site Location: Career & Technical Center

This course will help students build upon the skills taught in barbering 2. Students will continue to learn and study both in theory and practical experiences. Students wishing to continue on to the DATC will have their hours in class counting towards their final certification for cosmetology/barbering (if both courses are successfully completed it will equal to 50 hours required for the 300 hours necessary for state licensure).

Fee: \$25 paid to the school treasurer, optional fees are assessed if a student wants to purchase their own personal barbering kit including basic items- approximately \$40.

Biology Agriculture Science (9, 10, 11, 12)

(.50-1.0 credit) **67927000**

Fall and Spring Semester Site Location: Highland High School

This course meets the requirements for the biological science credit. Students will use a hands-on approach to learning biology with an emphasis on agriculture. Students will also learn about nursery operations and landscape management.

Fee: none

Certified Nurse Assistant CNA (12 only)

(1.0 credit) **67933000**

Site Location: Career & Technical Center

This course is designed for students who have an interest in performing routine nursing services for patients in hospitals or long-term care facilities. Students will learn the needed skills under the direction of a registered nurse or licensed practical nurse. The goal is for students to take and pass the state licensing exam. Students will have the opportunity to participate in leadership and competitive events through the HOSA student organization. **Students may earn a state industry certification upon the passing of the state exam.**

Fee: \$25 paid to the school treasurer, \$17 CPR certification fee also paid to the school treasurer, optional fee of \$24 for owning your own blood pressure cuff & stethoscope also paid to the school treasurer

Companion Animal Science (9, 10, 11, 12)

(.50 credit) **67239000**

Fall and Spring Semester

Site Location: Career & Technical Center

Students will learn a respect & compassion for animals through learning about animal behavior, genetics, health care, ethnology, etc. Students will also engage in many different hands on activities. Students will have the opportunity to participate in leadership and competitive events in the FFA Student Organization.

Fee: none

Computer A+ (9, 10, 11, 12)

(1.0 credit) **67291000**

Site Location: Career & Technical Center

This is a testing program sponsored by Computer TIA that certifies students in the competencies of an entry-level service technician in the computer industry. **Students who want the international certification as an entry-level technician may take the A+ examination as set forth by the industry credentials.** Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Fee: possible testing fees

Computer Network + (9, 10, 11, 12)

(1.0 credit) **67292000**

Site Location: Career & Technical Center

Students will be following the COMPTIA Network+ objectives in preparation for the international recognition and certification required for foundation level it network employees. **Students will take state certification as well as national/international certification tests at the completion of this course.** Students will have the opportunity to participate in leadership and competitive events in the Skills USA Student Organization.

Fee: possible testing fees

EMT Prep: Patient Assessment (10, 11, 12)

(.50 credit) **67942030**

Meets Graduation Requirement: CTE

This course is a new requirement for a student to gain their EMT certification. Students will build upon the knowledge gained in medical terminology and medical anatomy & physiology while preparing to apply it in case studies and patient scenarios. **Students will have the opportunity to prepare and take the NREMS exam for certification as well as becoming CPR certified.**

Fee: \$17 paid to the school treasurer for CPR certification; \$80 for the national EMT certification exam paid to the NREMT with application; and \$107 state EMS fee paid to BEMS with application. Fees should be paid by September 20th to avoid late fees.

EMT Basic Certificate (11, 12)

(1.0 credit) **67942200**

Graduation Requirement: 1.0 CTE (Double Block)

Site Location: Career & Technical Center

This course is designed to prepare students who are interested in gaining their EMT basic certification. Students will learn to perform; initial medical diagnosis, treatment and comprehensive care in medically critical situations. This program will also all students to learn basic principles of pharmacology including anesthetics, surgical techniques, operation of emergency medical equipment, delivery of babies, etc. In order to take the national and state exams, students must turn 18 within 90 days of completing the course. **Upon completion of this course students will be prepared to take and pass the national and state exams related to obtaining their EMT basic industry certifications.**

FEE: \$150.00 National Exam (Reimbursable if students pass the exam.)

Guide Dog (10, 11, 12)

(1.0 credit) **67239200**

Students will focus on working with and teaching specific breeds of dogs to become companion animals for the blind or disabled. Students will have the opportunity to participate in leadership and competitive events in the FFA Student Organization.

Fee: none

Law Enforcement (10, 11, 12)

(.50 credit) **63232000**

Site Location: CTC

Meets Graduation Requirement: ELE

Students will learn about the role of police in our society. They will also study; the causes of crime, laws regarding search, seizure and arrest and other law enforcement procedures. Students will have the opportunity to participate in leadership through the explorers' program. For more information see the instructor.

Fee: none

Medical Assistant (12)

(2.0 credit) **67936000**

Prerequisite: Successful completion of Medical Terminology and Medical Anatomy & Physiology and must also be turning 18 within 30 days of completion of the course to qualify to take the Board Exams

Site Location: Career & Technical Center

This course is designed for students who have an interest in becoming and fulfilling the responsibilities of a medical assistant. Students will learn the skills needed to work in a Physicians' office including; medical record management, phlebotomy, telephone triage, minor surgical procedures, injections, billing and coding, iv placement, etc. Students will be participating in hands-on, lab-based activities throughout the course and have the opportunity to participate in leadership and competitive events through the HOSA student organization. **Students may earn industry certification upon the passing of the different exams.**

Fee: \$25 paid to the school treasurer, \$17 CPR certification fee also paid to the school treasurer, optional fee of \$24 for owning your own blood pressure cuff & stethoscope also paid to the school treasurer

Additional fees: (these must be paid directly to the state agencies and are required for students to participate in the clinical rotations as part of the state licensing \$30 for a 2 step tb test (immunizations and tb testing may be covered under personal insurance or with a primary care doctor)

\$51 Hepatitis B Virus Surface Antibody

\$26 for a Urine Drug Test

\$17 background check for students doing rotations at the University of Utah only

\$75 State Certification Test

\$90 NCCT (national) MA Certification Fee

Nail Technician 1– CTC (10, 11, 12)

(1.0 credit) **67180000**

Prerequisite: None

Site Location: Career & Technical Center

This course is designed to introduce students to the fast-growing creative industry of nail technology. Students will learn about the art, science, hygiene and personal service skills required to succeed in this industry.

Fee: \$25 paid to the school treasurer, optional fee for personal nail tech kit approximately \$40

Nail Technician 2 – CTC (11, 12)

(1.0 credit) **67182600**

Prerequisite: Successful completion of Nail Tech 1

Site Location: Career & Technical Center

This course is designed to continue on with the study of the nail technology industry. Students will be engaged in hands-on, lab-based activities such as; designing, sculpting and applying nail enhancements. Students wishing to continue on to the DATC will have their hours in class counting towards their final certification for nail technology (if both courses are successfully completed it will equal to 50 hours required for the 300 hours necessary for state licensure).

Fee: \$25 paid to the school treasurer, optional fee for personal nail tech kit approximately \$40

Orientation to Education (ED 1010) (11, 12)

(1.0 credit) **67348000**

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.

Teaching Academy (ED 1010) (11, 12)

(1.0 credit) **67343000**

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 Level 1 (9, 10, 11, 12)

(1.0 credit) **67249200**

Site Location: Highland High School

This course is designed to introduce students to the world of the welding industry. Students will learn about gas metal arc welding, shielding metal arc welding, and oxy-fuel cutting welding techniques. Students are expected to engage in hands-on, lab-based activities. They will also have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Fee: none

Welding Technician Level 2 (10, 11, 12)

(1.0 credit) **67249300**

Site Location: Highland High School

This course builds upon skills taught in entry level welding. New skills/techniques with flux cored arc welding, gas tungsten arc welding, air carbon arc welding and plasma cutting will be taught. Students are expected to engage in hands-on, lab-based activities. They will also have the opportunity to continue to participate in leadership and competitive events through the Skills USA Student Organization.

Fee: none

Welding Technician Level 3 (11, 12)

(1.0 credit) **67249400**

Site Location: Highland High School

This course is a continuation of learning about the welding industry. Advanced skills in GMAW, SMAW, FCAW, GTAW, CAC-A, oxy fuel cutting and robotic plasma cutting will be taught. Students are expected to engage in hands-on, lab-based activities and attend class regularly. They will continue to have the opportunity to participate in leadership and competitive events through the Skills USA Student Organization.

Fee: none

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 11th or 12th grade.

Orientation to Education Teaching Academy (ED 1010) (11, 12)

(1.0 credit) **67343000**

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, 11 early grad)

(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.

English 2010 (ENGL 2010) West (12, 11 early grad)

(1.0 credit)

Prerequisite: ENG Concurrent Enroll 1010 with "C" or better grade

Meets Graduation Requirement: L12

Extends principles of rhetorical awareness and knowledge making introduced in English 1010 and increases the ideological engagement within the classroom, interrogates socioeconomic and political issues.

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.

CE Math 1030 Quantitative Reasoning (10-12)

(1.0 credit) **61618000**

Prerequisite: "C" average grade for Sec Math I, II, and III; OR Math ACT score of 19; OR College Placement Test Recommendation

Meets Graduation Requirement: 1.0 MAA and 3.0 college credit hours

This course focuses on the development of analytical thinking through the application of math to real-life problems. Topics include modeling, logic, financial math, probability, statistics, and geometry. Appropriate for college study in: English/Languages, Fine Arts, Humanities, Performing Arts.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

CE Math 1040 Statistics (9-12)

(1.0 credit) **61298010**

Prerequisite: "C" average grade for Sec Math I, II, and III; OR Math ACT score of 22; OR College Placement Test Recommendation

Meets Graduation Requirement: 1.0 MAA and 3.0 college credit hours

In this course students will learn about statistical literacy including descriptive and inferential statistical methods. Topics include sampling design, linear regression and correlation, probability, sampling distributions, hypothesis testing and confidence intervals. Appropriate for study in: History, Nursing, Behavioral Science, Social Sciences.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

CE Math 1050 College Algebra (9- 12)

(1.0 credit) **61616200**

Prerequisite: "C" average grade for Sec Math I, II, and III AND Math ACT score of 23 or College Placement Test Recommendation

Meets Graduation Requirement: 1.0 MAA and 4.0 college credit hours

This course is designed for students interested in Mathematics, Science, Engineering, Technology, and Education. Topics include functions, including polynomial, rational, exponential, and logarithmic; systems of equations; matrices and determinants; partial fraction decomposition; conics; and sequences and series. Appropriate for college study in: Business, Biological and Physical Sciences, Engineering.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

CE Math 1060 Trigonometry (9-12)

(1.0 credit) **61617000**

Prerequisite: Successful completion of CE Math 1050

Meets Graduation Requirement: 1.0 MAA and 3.0 college credit hours

This course focuses on trigonometric functions and their graphs developed using circular and triangular methods including inverses; polar coordinates; and an introduction to vectors.

FEE: \$5.00 per college credit as partial tuition is to be paid to SLCC. Students must apply to SLCC (\$40 admission fee) and be accepted to enroll in this course. If you have any questions, please see the CTE Coordinator or the secretary in room 318.

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.

The language arts courses connect 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 9

(1.0 credit) **60808000**

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**

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) **69323000, 69324000, 69325000, 69326000**

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**

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. Secondary 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**

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, 67047000,**

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, 6706900**

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**

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

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) 67057000

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) 60851000, 60852000, 60853000, 60854000

Meets Graduation Requirement: ELE

This course explicitly teaches reading strategies that improve fluency and comprehension of fiction and non-fiction to struggling readers. Novels and short reading selections are the focus of the curriculum. The course will focus instruction on effective strategies such as identifying text structure and reading strategies that improve fluency and comprehension of fiction and non-fiction. Reading Skills and Strategies is intended for students who have an IEP who struggle with basic reading and reading comprehension. 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) 62790000, 62790200, 62790300

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

Meets Graduation Requirement: SCI

This course will explore the four main branches of Earth Science, which includes the following: geology, oceanography, meteorology, and astronomy. In this physical science course, students will learn detail about the Earth's interior and the theory of plate tectonics. Students will learn about Earth's systems and their interactions. Students mastering the material of this class will be able to do the following: (1) understand and define terminology commonly used in earth science; (2) briefly summarize and describe Earth's systems; (3) students will be able to list and understand interactions among Earth's systems (4) Students will be able to read, critically evaluate presented information and data using scientific principles and concepts, synthesize popular media reports/articles discussing earth science, and verbally discuss and defend their positions on scientific issues. This class is intended for students who have an IEP who struggle with basic reading and reading comprehension.

SC Daily Life Skills (9, 10, 11, 12)

(1.0 credit) 67049000, 67050000, & 67056000

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 (9, 10, 11, 12)

(1.0 credit) 69300010, 69300020, 69300030, 69301000, 69303000, 69304000

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 World Geography (9, 10, 11, 12)

(0.5 credit) 63909100

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.

World Civilizations, SC (9, 10, 11, 12)

(.50 credit) 63929000

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, 69013000**

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.

INTERNATIONAL BACCALAUREATE COURSES

IB Language & Literature HL1 & HL2 (11, 12)

(1.0 credit) **60592000, 60592010**

Meets Graduation Requirement: L11, L12

This two year course is an advanced English course where students will investigate how language and communication develop and change over time, and how culture and context impact understanding through class discussions, collaborative activities and presentations. Over the course of junior & senior year, students will read 6 full length literary texts (plays, novels, poetry, etc.) and a wide range of non-literary texts (documentaries, photographs, music, speeches, social media, etc.). The course will focus on authors of color and explore the question: How does heritage and culture impact how I communicate and understand the world? The course is open to any interested West High student and must be started junior year. All students in the class will have the option to take the IB exam senior year to potentially earn college transfer credit (English 1010 & 2010). This course is discussion based and utilizes AVID strategies.

IB English A Literature HL 1 (11)

(1.0credit) **60593000**

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**

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 Applications & Interpretations SL 2 (11, 12)

(1.0 credit) **61590200**

Recommended Prerequisite: Sec Math III

Meets Graduation Requirement: MAA

IB Math AI SL2 (formerly IB Math Studies) is appropriate for students who are interested in developing their mathematics for describing our world and solving practical problems. They will also be interested in harnessing the power of technology alongside exploring mathematical models. Students who take IB Math AI SL2 will be those who enjoy mathematics best when seen in a practical context. This subject is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics, psychology, and design, for example. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Analysis & Approaches SL 2 (11, 12)

(1.0 credit) **61570200**

Recommended Prerequisite: Sec Math III Honors

Meets Graduation Requirement: MAA

IB Math AA SL2 is appropriate for students who enjoy developing strong skills in mathematical thinking. IB Math AA SL2 is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics for example. Topics include: sequences and series and applications, laws of logarithms and exponentials, simple proof, the binomial theorem, solving equations both analytically and graphically, composite trigonometric functions, and normal distribution with standardization of variables. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Analysis & Approaches HL 1 (11)

(1.0 credit) **61572000**

Recommended Prerequisite: CE Math 1050 and Math 1060, 2019-20 AP Calc AB

Meets Graduation Requirement: 1.0 MAA

This course is the first year of a two-year course of IB Math AA HL study. This first year of HL will be taught concurrently with AP Calculus BC. See the WHS Mathematics AP Calculus BC course description for more information. Students enrolled in this IB Math AA HL1 course are able to register for the AP Calculus BC test for college credit. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Math Analysis & Approaches HL 2 (12) (1.0 credit) 61572200

Recommended Prerequisite: IB Math AA HL1

Meets Graduation Requirement: MAA

This course is the year students complete the international assessments as described in IB Math AA HL. IB Math AA HL2 is appropriate for students who enjoy developing their mathematics to become fluent in the construction of mathematical arguments. IB Math AA HL2 is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics for example. Topics include: permutations and combinations, partial fractions, complex numbers, proof methods, self-inverse functions, function inequalities and the modulus function, vector theory and vector algebra, Bayes theorem, and density functions. *In order to be successful in this course, it is recommended that students have at least a C average grade from the previous mathematics course.*

IB Biology SL 2 (11, 12)

(1.0 credit) **62514220**

Meets Graduation Requirement: SCI

This course is the year that student's 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 (11)

(1.0 credit) **62514400**

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**

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 (11, 12)

(1.0 credit) **62522020**

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 (11)

(1.0 credit) **62524000**

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**

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**

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**

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 mathematics, 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**

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 mathematics, 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**

Meets Graduation Requirement: SCI

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

IB Geography SL 2 (11, 12)

(1.0 credit) **63591020**

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 (11)

(1.0 credit) **63591400**

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

Meets Graduation Requirement: GEO

This course is the year students complete the international assessments. 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.

IB 20th Century History SL 2 (11, 12)

(1.0 credit) 63063420

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 the Americas HL 1 (11, 12)

(1.0 credit) 63063800

Meets Graduation Requirement: SSE

The IB Diploma Programme History course for HL1 is a systematic and critical study of the human experience including social, economic, political and cultural events through the 20th century in the Americas. This course will examine the unfolding of specific events in the Western Hemisphere including: Canada, The United States, & Latin America. The course emphasizes the importance of encouraging students to think historically and to develop analytical source skills, while gaining factual knowledge. It puts a premium on developing critical thinking and understanding within the multiple interpretations of history. In this way, the course involves a challenging and demanding critical exploration of the past.

Paper 3: (Typically taken Junior Year) HL 1 History of the Americas: The Great Depression, The Second World War in the Americas, & Social Movements in the Americas + Historical Internal Assessment

IB History of the Americas HL2 (11, 12)

(1.0 credit) 63063810

Meets Graduation Requirement: SSE

Paper 1 & 2: (Typically taken Senior Year, IB Test in May) SL2/HL2 Rights & Protest + World History: South African Apartheid, U.S. Civil Rights Movement, WWI, WWII, Korean War, Vietnam War, & The Cold War.

IB Psychology SL 2 (11, 12)

(1.0 credit) 63600020

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 (11)

(1.0 credit) 63601000

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

Meets Graduation Requirement: SSE

This course is the year students complete the international assessments. 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.

IB Theory of Knowledge SL 1 (11)

(.50 credit) **63808000**

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**

Meets Graduation Requirement: SSE

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

IB Personal & Professional Skills SL 1 (11)

(.50 credit) **63901200**

Meets Graduation Requirement: SSE

This is the first of a two-semester course of study required of those students seeking the International Baccalaureate Career-Related Certificate (IBCC). The overall aims of personal and professional skills are for the students to:

- develop as reflective and lifelong learners who can adapt to diverse situations
- recognize personal strengths and identify ways to overcome challenges
- be aware of and respond effectively to ethical dilemmas
- value diversity of cultures and perspectives
- demonstrate the ten attributes of the IB learner profile.

IB Personal & Professional Skills HL 2 (12)

(.50 credit) **63901400**

Meets Graduation Requirement: SSE

This is the year students complete the international assessments as described in IB Personal and Professional Skills SL 1.

IB Independent Studies (11, 12)

(1.0 credit) **69283000**

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.

IB Arabic ab initio SL 1 (11)

(1.0 credit) **64107000**

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**

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**

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**

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**

Meets Graduation Requirement: ELE

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

IB French ab initio SL 2 (11, 12)

(1.0 credit) **64217020**

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 (11, 12)

(1.0 credit) **64217220**

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 (11)

(1.0 credit) **64217400**

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**

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**

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 (11, 12)

(1.0 credit) **64227220**

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 (11)

(1.0 credit) **64227400**

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**

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**

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 (11, 12)

(1.0 credit) **64513220**

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 (11)

(1.0 credit) **64513400**

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**

Meets Graduation Requirement: ELE

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

IB Chinese ab initio SL 2 (12)

(1.0 credit) 64537820

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 (11, 12)

(1.0 credit) 64537820

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 (11)

(1.0 credit) 64538200

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

Meets Graduation Requirement: ELE

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

IB Theatre SL 1 (11)

(1.0 credit) 66531000

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 workshopping, 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

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

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 workshopping, 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

Meets Graduation Requirement: FA

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

IB Art History SL 2 (11, 12)

(1.0 credit) 66070200

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

Meets Graduation Requirement: FA

This course is the year the student's 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

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

Meets Graduation Requirement: FA

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

IB Music Theory SL 2 (11, 12)

(1.0 credit) 66547020

Meets Graduation Requirement: FA, ELE

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 (12)

(1.0 credit) 66547220

Meets Graduation Requirement: FA, ELE

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.

IB Theatre SL 1 (11)

(1.0 credit) 66531000

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

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

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 workshopping, 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 HL2 (12)

(1.0 credit) 66531220

Meets Graduation Requirement: FA

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

IB Film HL1/Video Filmmaking/FLM1045 CE (11)

(1.0 credit) 66102830

Meets Graduation Requirement: FA

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. The HL1 course is available to juniors and comprises the first year of the IB Film HL course.

IB Film HL2/Video Filmmaking 2 (12) (1.0 credit) 66102840

Meets Graduation Requirement: FA

The DP film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercise in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. The HL2 course is available to seniors and comprises the second year of the IB Film HL course.

IB Visual Arts HL 1 (11, 12)

(1.0 Credit) *****

Meets Graduation Requirement: FA

This is a student driven class allowing students time to work on self-determined projects in any 2-D medium. Students will be introduced to and work on skills associated with the IB Art exam.

IB Visual Arts HL 2 (11, 12)

(1.0 Credit) *****

This is a student driven class allowing students time to work on the Exhibition, Comparative Study and Process Portfolio.

IB Business Management SL2 & IB Business Management HL2 (11, 12)

(1.0 credit) 65706020 & 65706120

Prerequisite: none

Meets Graduation Requirement: CTE

This course focuses on helping students understand sound management concepts such as; analyzing, synthesizing and evaluating data from a variety of sources. Students will also learn about critical thinking, decision making, and long-range planning, human interpersonal relations and motivational skills. Students will also have the opportunity to participate in student leadership and competitive events through the FBLA/DECA student organizations.

Fee: \$5

IB Economics SL 2 (12)

(1.0 credit) 65587320

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.

IB Sports Exercise Health Sci SL2 (12)

2. credit) 68710200

Meets Graduation Requirement: ELE

This course fulfills the requirements for IB Standard level science. The focus of the course is to take a scientific look at athletics and sports and gain an understanding of the forces involved in human movement and the implements that are used in sports. The emphasis is Exercise Physiology, and will include the following topics: Anatomy, Energy Systems, Movement Analysis, Skill Acquisition, Measurements and Evaluation of Human Performance, and Physical Activity and Health.

Financial Literacy (9, 10, 11, 12)

(.50 credit) 65612000

Meets Graduation Requirement: Financial Lit

The General Financial Literacy Core is designed for junior and senior students and represents those standards of learning that are essential and necessary for all students. The implementation of the ideas, concepts, knowledge, and skills contained in the General Financial Literacy Core will enable students to implement those decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society

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.

