

HIGHLAND HIGH  
**RAMS**

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Volume 12 | January 2022



**2022-2023**  
**COURSE CATALOG**

# WELCOME TO HIGHLAND HIGH SCHOOL HOME OF THE RAMS

Highland High School exists to ensure that all students learn essential skills to become successful adults. These skills encompass academic, social, emotional and career proficiencies. At Highland High, educators work interdependently to improve their professional practice through analyzing student performance, aligning curriculum, and engaging in quality professional development. Exceptional instruction is complemented with timely interventions to ensure that all students learn. Highland High School affirms that student success is the only option.

Your next year's course selections are very important for your future success and our school-wide decision making. Through your course selection, you help us determine whether classes are offered or not, and if so, how many sections are offered. The school reserves the right to deny subsequent class changes after registration, so please take this process seriously.

Registration is a time to prepare and think about your future. When students graduate from Highland High School, we want them to be ready for the future they choose. Some may immediately enter the workforce, while others may delay that entry to pursue additional education. In either case, it is the intent of the Highland Comprehensive Guidance Program to assist them in making wise decisions. Each graduate's diploma should not simply reflect the number of years spent in school, but the skills and knowledge gained. That is why it is so important to take time to PLAN for your high school experience.

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## GRADUATION REQUIREMENTS WORKSHEET

### REQUIRED COURSES/CREDIT

Current Grade: 9 \_\_\_ 10 \_\_\_ 11 \_\_\_ 12 \_\_\_

#### Credits Completed/Needed

**LANGUAGE ARTS** 4.0 \_\_\_ / \_\_\_  
 \_\_\_ 9th Grade \_\_\_  
 \_\_\_ 10th Grade \_\_\_  
 \_\_\_ 11th Grade \_\_\_  
 \_\_\_ 12th Grade \_\_\_

**MATH** 3.0 \_\_\_ / \_\_\_  
 \_\_\_ 9th Grade \_\_\_  
 \_\_\_ 10th Grade \_\_\_  
 \_\_\_ 11th Grade \_\_\_  
 \_\_\_ 12th Grade \_\_\_

**SCIENCE** 3.0 \_\_\_ / \_\_\_  
 \_\_\_ 9th Grade \_\_\_  
 \_\_\_ 10th Grade \_\_\_  
 \_\_\_ 11th Grade \_\_\_  
 \_\_\_ 12th Grade \_\_\_

**SOCIAL STUDIES** 3.0 \_\_\_ / \_\_\_  
 \_\_\_ 9th Grade \_\_\_  
 \_\_\_ 10th Grade \_\_\_  
 \_\_\_ 11th Grade \_\_\_  
 \_\_\_ 12th Grade \_\_\_

**FINE ARTS** 1.5 \_\_\_ / \_\_\_  
 \_\_\_ 9th Grade \_\_\_  
 \_\_\_ 10th Grade \_\_\_  
 \_\_\_ 11th Grade \_\_\_  
 \_\_\_ 12th Grade \_\_\_

**P.E.** 1.5 \_\_\_ / \_\_\_  
 \_\_\_ 9th Grade \_\_\_  
 \_\_\_ 10th Grade \_\_\_  
 \_\_\_ 11th Grade \_\_\_  
 \_\_\_ 12th Grade \_\_\_

**CTE 1.0**  
 List any CTE courses that may qualify you for the CTE Pathway Completer Award:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**DIGITAL STUDIES 0.5** \_\_\_ or Option: \_\_\_\_\_  
*(formerly Computer Tech)*

**FINANCIAL LIT 0.5** \_\_\_ or Option: \_\_\_\_\_

**HEALTH 0.5** \_\_\_ or Option: \_\_\_\_\_

**ELECTIVES 5.5** \_\_\_ or Option: \_\_\_\_\_  
 List elective courses taken or to be taken:  
 \_\_\_\_\_  
 \_\_\_\_\_

**TOTAL CREDITS: 24**  
 \*\*NOTE: Graduation requirements, including District Competencies are subject to change

**MINIMUM ENROLLMENT:**  
 1. All students should be registered for eight periods of class instruction each semester.  
 2. All students are expected to register for a minimum of three academic subjects (i.e. English, Math, Digital Studies, Science, Social Studies, and Foreign Language).

### COLLEGE AND CAREER READINESS (CCR) PLAN

The high school years are an exciting and important time in students' lives. To help students and parents plan a high school program that meets their individual needs, Highland High School is committed to assisting each student to develop an individual College and Career Readiness (CCR) plan. This plan is a student educational and career-oriented planning document, which is guided by educational needs and requirements as well as career goals. The CCR serves as a GUIDE rather than a strict rule. Plans may change over 4 years. The CCR is meant to be an ONGOING process of setting goals, making plans to reach those goals, and reviewing progress toward those goals. Each student will be scheduled to attend with a parent/guardian for one CCR meeting each year of high school.

For more info, visit: <http://highland.slcschools.org/academics/counseling-center/>

## COUNSELING & CAREER CENTER

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### MINIMUM GRADUATION REQUIREMENTS: 24 Credits

All Salt Lake City School District schools require 24 total credits to graduate.

<b>Language Arts</b>	<b>4.0</b>	<b>Social Studies</b>	<b>3.0</b>
<b>Mathematics</b>	<b>3.0</b>	<b>Science</b>	<b>3.0</b>
<b>Physical Education</b>	<b>1.5</b>	<b>Fine Arts</b>	<b>1.5</b>
<b>Career &amp; Tech Ed</b>	<b>1.0</b>	<b>Digital Studies</b>	<b>0.5</b>
<b>Financial Literacy</b>	<b>0.5</b>	<b>Health Education</b>	<b>0.5</b>
<b>Electives</b>	<b>5.5</b>		

## **IMPORTANT INSTRUCTIONS FOR REGISTRATION**

**1.** All students must register for 8.0 classes that must include at least three CORE subjects (i.e., Language Arts, Math, Science, Social Studies, and/or World Language) and choose three alternates.

**NINTH GRADE STUDENTS:** Register for at least Language Arts, Math, Geography, Science, and PE Skills and Fitness for Life. Remember there is a two level World Language requirement for college admissions.

**TENTH GRADE STUDENTS:** Register for Language Arts, Math, Social Studies, Science, and Health. Other courses required for graduation should be given priority (i.e. CTE, Fine Arts, PE, and Computer Technology).

**ELEVENTH GRADE STUDENTS:** Register for Language Arts, Math, Science, and U.S. History. Other courses required for graduation, college admissions, and career goals should be given priority (i.e. US Government & Citizenship, Financial Literacy, CTE, Fine Arts, and PE.)

**TWELFTH GRADE STUDENTS:** Register for Language Arts, any other un-met graduation requirements and electives, to equal a required full schedule. Courses required for graduation, college admissions and career goals should be given priority. Concurrent Enrollment and AP Courses are highly encourage, please consider taking these courses. To register for a Home Release (or Seminary) students must meet and gain approval from an Administrator (Principal/Asst. Principal) and also provide parental consent.

**2. READ** the course descriptions carefully to determine grade level, amount of graduation credit, general description of the course, if lab fees are required, or special registration instructions.

**3. DETERMINE** if the courses you select are taught for one or two semesters. The course descriptions in this booklet will identify how many credits are earned when the course is successfully completed. **SEMESTER:** .50 credits, **YEAR** (both semesters): 1.0 credits

**4. FEES:** Many courses have fees associated with them. Please refer to the specific course description for details. For an example, the cost for one Advanced Placement (AP) Exam can be \$80+ and all students who register for an AP class are encouraged to take the exam.

**5. CHOOSE:** Students should choose their classes carefully, because **class changes will be granted ONLY ONCE a year.** Class changes can be made for:

- (a) Computer error
- (b) Placement to more appropriate course level
- (c) Request of administration
- (d) To complete graduation requirements (seniors only)

**6.** All class changes for the above reasons must be completed by the week before school starts or the end of semester one. AP & IB classes may not be dropped.

**7.** If a new student registers at Highland High, between the beginning of a term and two weeks prior to the end of the term, the student's Highland High teacher will take into consideration the work done at the student's previous school in determining the student's grade.

**8.** Students interested in early graduation should see their counselor for requirements at least one semester in advance.

**9.** Students interested in Work Credit or Internships should see the CTE Coordinator for a Work Credit registration materials.

## **SPECIALIZED PROGRAMS AT HIGHLAND:**

**Advancement via Individual Determination (AVID):** AVID is an in-school academic support program that prepares students for college eligibility and success. AVID targets students in the academic middle who have the desire to go to college and the willingness to work hard. These are students who are capable of completing rigorous curriculum and would like to learn additional academic skills to help them reach their potential. AVID strives to serve underrepresented students (i.e.: first in their families to attend college, low-income, minority). This program supports students in an accelerated track. Applications are available in the Counseling Center.

**English Language Learner (ELL):** ESL courses are available for English language learners (ELL) to fulfill graduation requirements while improving their English skills. ESL courses offer specialized instruction and content specific to each student's language proficiency level. Level 3, 4, and 5 courses are taught by teachers who use sheltered instructional techniques to help students better understand language curriculum. ELL students will register with help from the Alternative Language Specialist (ALS) team.

**International Baccalaureate Program (IB):** The IB Program at Highland High is for academically disciplined students who desire a curriculum that presents subject matter from a worldwide perspective. Students who are highly motivated and productive will benefit from this course of study. Students are admitted for 9th grade through an application process, which begins in January of 8th grade. Selection is based on grades, teacher recommendations, and evidence of motivation. Classes taken in the ninth and tenth grades are preparatory to beginning the IB courses in the 11th grade. Students who complete the IB Program at a standardized level of competency 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. Students at Highland will move through IB courses in 11th and 12th grade as a small learning community, providing support and encouragement for each other.

**Special Education (SPED):** 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.

Education is what remains after one has forgotten everything he learned in school. -Albert Einstein

## **DEFINITIONS CONNECTED WITH COURSE TITLES:**

**Concurrent Enrollment:** In these courses, a student is enrolled and earns high school credit at their home school, and college credit at another educational institution simultaneously. These institutions could include: colleges, applied technology colleges, and universities. See following Concurrent Enrollment section.

**Honors:** This is 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):** After successfully passing an end-of-year advanced placement college examination, college credit may be awarded by colleges and universities. The amount of credit varies from institution to institution. Be sure to check with your college of interest to determine their acceptance policy.

**International Baccalaureate Program (IB):** IB Courses specifically designated for students accepted into the IB program.

**Career and Technical Center (CTC):** The CTC is the location used for Career and Technical Education (CTE) programs. Programs include both academic and technical aspects of learning in each CTE curriculum area. Through the SEOP process, CTE career pathways assist students with acquiring better understanding and greater awareness of career opportunities in their community, state and nation.

## **ADVANCED PLACEMENT (AP) CLASSES**

AP Classes at Highland High School will only carry if the demand is great enough. All students signing up for AP classes are expected to commit to the class for the full year and expected to take the AP exam in the spring. College credit may be awarded to students who successfully pass the AP exam. Students should check to see if the college/university they plan to attend offers credit for AP classes and if so how much credit. See *Treasurer for AP Exam cost*.

## **CONCURRENT ENROLLMENT COLLEGE COURSES**

Concurrent Enrollment (CE) classes are a fantastic deal for high school students! You can earn both high school credit and college credit at the same time! The credit cost savings is exceptional: At Salt Lake Community College, a 3 college credit course costs approximately \$402, plus \$100-200 in books fees; a 4 credit hour college class costs approximately \$524 plus \$100-200 in books and fees. As a Highland Junior or Senior, you pay the one-time \$40 application fee on-line to the college, which also counts for your registration (up to a year after you graduate) if you decide to attend SLCC! Most Utah universities and colleges accept these credits as well. Some of our CE courses require a college textbook rental fee (\$25), which is not fee waivable, and qualifying pre-tests (CPT or ACT), which are included in your registration cost. There is a \$5 fee per college credit hour tuition, which will be required after student is registered into the course, paid directly to college. See individual course descriptions for more about this incredible value. Most concurrent enrollment courses are for 11-12 grades. However, 10th graders may fill out appeal form with SLCC. For more information, contact the teacher offering the class, or the CTE secretary.



# LANGUAGE ARTS

## Language Arts 9 YEAR #60801000

**Graduation Credit:** 1.0 Language Arts

The ninth grade language arts course connects reading instruction with writing for multiple purposes. The course continues intensive practice and study of informational and literary reading and writing. Students read extensively from a variety of sources, and draft, revise, and edit their own writing.

## Language Arts 9 Honors YEAR #60803000

**Graduation Credit:** 1.0 Language Arts

This writing-intensive honors course will focus on developing academic writing and analytical skills while introducing students to a variety of works ranging from novels to short stories to plays. This course is designed to ready students interested in AP or IB courses during their final two years of high school.

## Language Arts 10 YEAR #60813000

**Graduation Credit:** 1.0 Language Arts

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.

## Language Arts 10 Honors YEAR #60814000

**Graduation Credit:** 1.0 Language Arts

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. 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 YEAR #60826000

**Graduation Credit:** 1.0 Language Arts

The eleventh grade language arts course continues to emphasize the reading and writing process. In addition, students prepare, plan, deliver, and evaluate formal presentations.

## Language Arts 11 Honors YEAR #60827000

**Graduation Credit:** 1.0 Language Arts

This course stretches students with higher-order thinking skills to enhance writing abilities through reading, analyzing, and researching novels, plays, poetry, foundational U.S. documents, and current issues. This advanced course transitions students from high school writers to college writers in preparation for Concurrent English 1010, or possibly AP Literature.

## Language Arts 12 YEAR #60839000

**Graduation Credit:** 1.0 Language Arts

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.

## College Prep Language Arts 12 Honors YEAR #60402000

**Graduation Credit:** 1.0 Language Arts

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses.

## AP English Language (11-12) YEAR#60520000

**Graduation Credit:** 1.0 Language Arts

This is a college-level course in language and composition. The course is challenging and requires more effort than most language arts courses. The course trains students to write in narrative, exploratory, expository, and argumentative forms and on a variety of subjects including personal experiences, public policies, and literature. This class may be used for college credit for students receiving a 3 or higher on the AP exam.

## AP English Literature (11-12) YEAR #60530000

**Graduation Credit:** 1.0 Language Arts

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

## Concurrent English Intro to Writing English 1010 SEM #60610000

**Graduation Credit:** 1.0 with 3 College Credits

Development of critical literacies: reading, writing and thinking – using methods of knowledge-making. This class promotes awareness of rhetorical strategies as they apply to a variety of socio-cultural contexts. A semester class that satisfies Language Arts 12 full year English credit. \*The Language Arts Department strongly discourages this course for any student who has taken AP English Language. For students who have taken AP English Language, we recommend they continue their studies in AP English Literature. **FEES REQUIRED.** Since this is a college course, fee waivers do not apply. Online applications are to be completed by March and ACT score copies sent to college directly by the end of April.

## Creative Writing I (9 -12) YEAR #60901000

**Graduation Credit :** 1.0 Elective

This course will include instruction in the writing of poetry, short stories, plays, essays, journals, narratives, etc. All members of the class will have an opportunity to help the literary staff select the best pieces for the magazine. Students need only to enjoy writing to take this course.

## Creative Writing Adv. (11-12) YEAR #60902000

**Graduation Credit:** 1.0 Elective or Eng 12 Graduation Credit

All members of the class will be on the staff of the literary magazine, In Black and White, and will assist in its formulation and publication. The course will include poetry, short story; play writing, narratives, etc. There is a special emphasis on creating a standard of judgment for recognizing good literature. This course can supplant the 12th grade English credit.

## Journalism (10 -12) YEAR #60910000

**Graduation Credit:** 1.0 Elective

Students enrolled in this course produce the Highland High School newspaper, The Rambler. The course features an examination and practice of the fundamentals of news gathering, interviewing and news writing, features, sports and editorial writing, advertising copy and layout, editing, proofing, printing and typography. Students are encouraged to enroll for more than one year. Students who are on the staff for three years or who have served as editors are eligible for a Highland letter (H).

# MATHEMATICS

*Students must earn three units of credit in mathematics; the HHS Math department recommends four years of mathematics.*

## Secondary Math I (9) YEAR #61212000

**Graduation Credit:** 1.0 Mathematics

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

## Secondary Math I Extended (9) YEAR #61212300

**Graduation Credit:** 1.0 Mathematics

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

## Secondary Math II (10-11) YEAR #61212400

**Graduation Credit:** 1.0 Mathematics

Students will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.

## Secondary Math II Extended (9-10) YEAR #61212510

**Graduation Credit:** 1.0 Mathematics

Students will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations. Honors students will also represent complex numbers and their operations on the complex plane, solve systems of equations, prove and apply trigonometric identities, express conic sections algebraically, and solve problems using volume measurements.

## Secondary Math III (10-12) YEAR #61212600

**Graduation Credit:** 1.0 Math

Students in Secondary Mathematics III will focus on pulling from their previous courses. They will apply methods from probability and statistics, expand their repertoire of functions to include polynomial, rational, and radical functions. They will expand their study of right triangle trigonometry and will bring together all of their experience with functions and geometry to create models and solve contextual problems.

## Secondary Math III Extended (10-12) YEAR #61212780

**Graduation Credit:** 1.0 Mathematics

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

## Mathematical Decision Making for Life (11-12)

**Graduation Credit:** 1.0 Math

Mathematical Decision Making is a four-quarter course for seniors who want a 4th year of math credit. The course develops mathematical decision-making skills in finance, modeling, probability and statistics, and making choices. Students will make sense of authentic problems and persevere in solving them. They will reason abstractly and quantitatively while communicating mathematics to others, and will use observed patterns to describe mathematical situations and solve problems.

## AP Calculus AB (11-12) YEAR #61511000

**Graduation Credit:** 1.0 Mathematics

Requires a thorough knowledge of concepts of trigonometry, college algebra and analytic Geometry. A study is presented of limits, differentiation, integration, differential equations and selected applications. Emphasis is placed on preparing for the Advanced Placement test in Calculus AB. A graphing calculator (TI-83, 83+, 84, or 84+, or TIInspire CX preferred) is required for this course.

## AP Calculus BC (11-12) YEAR #61512000

**Must be paired with Intro to Calculus #61242010**

**Graduation Credit:** 1.0 Math

Requires a thorough knowledge of the concepts of Trigonometry, College Algebra and Analytic Geometry. A study is presented of limits, differentiation, integration, differential equations, sequences, series and selected applications. AP Calculus BC is considerably more extensive than AP Calculus AB. Emphasis is placed on preparing for the Advanced Placement test in Calculus BC. A graphing calculator (TI-83, 83+, 84, or 84+, or TIInspire CX preferred) is required for this course.

## AP Statistics (10-12) YEAR #61501000

**Graduation Credit:** 1.0 Mathematics

An advanced study of statistics, AP Statistics is comparable to courses in colleges and universities. The course of study is determined by the College Board and is available in the Advanced Placement Course Description for Statistics. The course includes, univariate, bivariate, and categorical data patterns and models, and statistical inferences and significance tests. A graphing calculator (TI-83, 83+, 84, or 84+, or TIInspire CX preferred) is required for this course.

## Quantitative Reasoning Concurrent Math 1030 (11-12) SEM #61618000

**Credit for graduation:** 1.0 Math (3.0 college credits)

The 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. **FEE REQUIRED.**

## College Prep Math (11-12) YEAR #61216200

**Graduation Credit:** 1.0 Mathematics

For 12th graders who have successfully completed Secondary Math III and who want a fourth year in math credit. College Prep Math formalizes and reinforces concepts from the Secondary Mathematics series to provide students with the foundational skills and understanding for College Algebra (Math 1050). Students will solve linear and quadratic equations and linear inequalities, will use polynomial, rational, radical, exponential, and logarithmic equations and functions to solve mathematical problems, and will explore conic sections and represent parabolic data. The first semester of this course is intended to replicate Math 1010, which is no longer offered as a high school course.

## College Algebra CE - MATH 1050 (12)

**Graduation Credit:** 1.0 Mathematics

**SEM #61616200**

This course is designed for students interested in Mathematics, Science, Engineering, Technology, and Education. This course is an in-depth exploration of algebra topics designed to ultimately prepare students for Calculus or further education courses. Topics covered include the following: 1) functions, including polynomial, rational, exponential, and logarithmic; 2) systems of equations; matrices and determinants; partial fraction decomposition; 3) conics; and 4) sequences and series. There is an additional \$18.75 electronic textbook/ learning materials fee associate with this course.

# SCIENCE

*Students must earn three units of credit in Science; the HHS Science department recommends four years of science. All science classes require a lab fee.*

## Astronomy (11-12) YEAR #62271000

**Graduation Credit:** 1.0 Science

Astronomy is the study of the position, motion, composition, and history of objects in the universe and the physical laws that govern them. Topics include: scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our Solar System; planets; and the orientation and position of the Earth. The second half of this course will explore the concepts and science of Meteorology.

## Biotechnology (11-12) YEAR #67928200

**Graduation Credit:** Science or CTE

An exploratory course designed to create an awareness of career possibilities in the field of biotechnology. Students are introduced to diagnostic and therapeutic laboratory procedures that support bioscience research and practice. Lab fee required.

## Biology (9-12) YEAR #62211000

**Graduation Credit:** 1.0 Science

Biology includes the topics of ecosystems, cells, heredity, diversity, organ systems and evolution. Students will explain biological ideas or concepts in their own word, relate them to other topics, and apply them in new contexts. Lab Fee Required.

## Biology Honors (9-12) YEAR #62411000

**Graduation Credit:** 1.0 Science

Honors Biology extends the coverage of topics that include ecosystems, cells, heredity, diversity, organ systems and evolution. Students will examine biological ideas or concepts in greater detail. This course provides preparation for enrollment in AP Biology. Lab Fee Required.

## AP Biology (10 -12) YEAR #62511000

**Graduation Credit:** 1.0 Science

The AP Biology course is equivalent to a two-semester college introductory biology course and is endorsed by higher education and enables students to pursue college-level studies while still in high school. The four major themes or Big Ideas in AP Biology are 1. Evolution 2. Cellular Processes: Energy and Communication 3. Genetics and Information Transfer 4. Interactions. Throughout the AP Biology course students will develop advanced inquiry and reasoning skills, such as designing a plan for investigations, collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Students completing AP Biology will be ready for the study of advanced topics in subsequent college courses and receive college credit based on their AP Exam score. Students will be required to attend early morning labs once a month.

## Chemistry (10 -12) YEAR #62221000

**Graduation Credit:** 1.0 Science

Chemistry includes the topics of atoms, energy, chemical bonds, chemical reactions and solutions. Students will develop an understanding of chemical concepts and determine the relevancy of chemistry in their lives. Lab Fee Required.

## Chemistry Honors (9 -12) YEAR #62421000

**Graduation Credit:** 1.0 Science

Honors Chemistry provides greater detail, mathematics based, coverage of content, which will include atoms, energy, chemical bonds, chemical reactions, and solutions. This course provides preparation for enrollment in AP Chemistry. Lab Fee Required.

## AP Chemistry (11-12) YEAR #62521000

**Graduation Credit:** 1.0 Science

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course.

## Earth & Space Science (9-10) YEAR #62100300

**Graduation Credit:** Science

The theme for Earth Science is systems as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. Earth's place in the universe, internal structure, atmospheric processes, and reactions.

## AP Environmental Science (10-12) YEAR #62533000

**Graduation Credit:** 1.0 Science

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

## Medical Anatomy & Physiology (MAP) (10 -12)

**Graduation Credit:** 1.0 CTE or Science

**YEAR #67939000**

A full year competency based course that explores medical and health science related occupations as well as the study of human structure and function. Course includes field trips, hands-on activities, and guest demonstrations. Areas of study include medical terminology, human biology, disease processes, and career exploration. Recommended for anyone going into medical or associated fields. This is a required course for all capstone health science courses (Nurse Assist, EMT and Medical Asst) and East Health Professions Academy. Lab Fee Required.

## Physics (11 -12) YEAR #62231000

**Graduation Credit:** 1.0 Science

The three topics covered in physics are matter, motion and energy. Everything is part of a system, whether it is book on a table, a cog in a machine, a satellite in orbit, or a complex electrical circuit. Physics topics will be developed around systems and the nature of science. Lab Fee Required.



**AP Physics 1 (10-12) YEAR #62531400****Graduation Credit:** 1.0 Science

Algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. Students should take this course if they are interested in understanding the world around them while not being afraid of struggling with difficult concepts and applications. Taking this course will ensure that students will have a solid foundation in the basic principles of physical science to gain deeper understanding of the phenomena observed in whichever field they choose to pursue. A very detailed course description can be found on the College Board web page.

**AP Physics 2 (11-12) YEAR #62541000****Graduation Credit:** 1.0 Science

Algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: fluids, thermodynamics, electrical (force, field, and potential), electric circuits, magnetism and electromagnetic induction, geometric and physical optics, and quantum, atomic & nuclear physics. The fields presented in this class are more abstract in nature and less widely understood than in Physics I. Taking this course will ensure that students will be able to be interesting conversationalists in the vast majority of dinner parties as well as having a solid foundation in advanced principles of physical science to gain deeper understanding of the phenomena observed in whichever field they choose to pursue.

**AP Physics C (11-12) YEAR #62531610****Graduation Credit:** 1.0 Science

Mechanics course is equivalent to a one-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinetics, Newton's laws (of motion, work, energy and power), systems of particles and linear momentum, circular motion and rotation, and oscillations & gravitation. Introductory differential an integral calculus is used throughout the course. A very detailed course description can be found on <https://apstudent.collegeboard.org/apcourse>.

**Utah Wildlife (11-12) YEAR# 62283000****Graduation Credit:** 1.0 Elective

Wildlife Biology is for students interested in understanding animals and ecosystems of Utah. The curriculum has a strong foundation in the biological, physical, and social sciences with the focus on solving current and future issues related to conservation and sustainability of wild animals and their habitats. This course will focus on the local flora and fauna found in Utah. Students will also have the opportunity to extend their love and passion for the outdoors by using hands on methods. You will also build your own custom bamboo fly rod and learn to tie your own flies.

**Zoology (11-12) YEAR #62251000****Graduation Credit:** 1.0 Elective

Surveys the animal kingdom. Detailed study of representative organisms is made to illustrate structural advancements as they appear in the animal kingdom. Issues relating to wildlife management and natural history of the vertebrates will be stressed. Lab work and dissection is involved. Lab Fee Required.

*See IB Program Courses for descriptions:***IB Biology HL 1 (11) YEAR #62514400****IB Biology HL 2 (12) YEAR #62514410****IB Chemistry SL 2 (11-12) YEAR #62522020****IB Physics HL 1 (11) YEAR #62532400**

## SOCIAL STUDIES

**AP Psychology (11-12) YEAR #63535000****Graduation Credit:** 1.0 Social Studies Elective

Psychology is the scientific study of the human mind and behavior. Throughout this course, students will be introduced to psychology through our examination of the processes of learning, cognition, development, social behaviors, research methods, abnormal behaviors, and other facets of psychology. Students will be encouraged to think critically, ask questions, and work with one another to master basic psychology. This course is designed to get you excited about and interested in the field of psychology, assist you in the transition from high school level coursework to that of college level work, and help you prepare for the AP Psychology exam.

**World Geography I (9-10) SEMESTER #63902100****Graduation Credit:** 0.5 Social Studies

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.

**AP Human Geography (9-12) YEAR #63592300****Graduation Credit:** 1.0 Social Studies & Elective

AP Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socio-economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

**World History I SEM #63902500****World History II SEM #63902600****Graduation Credit:** 0.5 Social Studies & Elective

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

**AP World History (10-12) YEAR #63536000****Graduation Credit:** 1.0 World Civ, Social Studies, & Elective

This course will cover major themes and developments in the histories of major world civilizations from c. 8000 BCE to the present. It will be similar to other AP History courses in terms of developing reading and writing skills in order to prepare students for the demands of college. However, instead of national histories, the curriculum will emphasize change over time, comparisons between cultures, and the impact of technology and major themes.

**US History (11-12) YEAR #63221000****Graduation Credit:** 1.0 U.S. History

This is a general survey course, with major emphasis on the post-Civil War period. Part I will study topics to include the Civil War, reconstruction of the South, industrialization of the US and the labor movement, imperialism, the progressive era, and World War I. Part II will include the roaring twenties, the depression, World War II, The Cold War, civil rights, globalization, and terrorism.

**U S Government & Citizenship (10-12) SEM. #63205000****Graduation Credit:** 0.5 Graduation Requirement

The goal of this course is to foster informed, responsible participation in public life. Knowing how to be a good citizen is essential to the preservation and improvement of the United States democracy. The student will understand ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system.

**AP United States History (11-12) YEAR #63522000****Graduation Credit:** 1.0 U.S. History

The Advanced Placement Program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American History. Students will be expected to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. Students are expected to develop the skills necessary to arrive at conclusions, make judgments, and use the essay format.

**AP European History (10-12) YEAR #63531000****Graduation Credit:** 1.0 Social Studies Elective

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. The goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

**Sociology I (10 -12) SEMESTER #63244000****Graduation Credit:** 0.5 Social Studies Elective

Sociology is the study of society or human groups. In order to understand society we must be able to shift from one perspective to another and to see the world through the eyes of others. The study of sociology helps us make connections between human behavior and society. It helps us understand the processes that have shaped the features we observe around us today, as well as the ways those features may be different tomorrow. This course will explore the way social interaction influences personality development, adolescence and deviant behavior in society.

**Sports Psychology (10-12) SEMESTER #63243010****Graduation Credit:** 0.5 Social Studies Elective

Sport Psychology is a vibrant branch of the larger psychological discipline. It is the branch of psychology which deals with the study and application of the psychological principles that enhance athletic performance. The concepts taught in this class will be beneficial in athletic competitions, exercise environments, and other physical performance based activities. The focus of this class is to teach you how to strengthen your mind and control your emotions so that you can improve your performance in these types of situations. The concepts learned will prepare you for athletic competitions and performance situations.

**Psychology I (10-12) SEMESTER #63241000****Graduation Credit:** 0.5 Social Studies Elective

Psychology is the scientific study of the human mind and behavior. Throughout this course, students will be introduced to the multiple sub-fields of psychology. Psychology examines the processes of learning, human development, social behaviors, abnormal behaviors, therapy and treatment styles, etc. Additionally students will explore various aspects of human behavior using theories of personality, aspects of thought processes, states of consciousness, causes of motivation and emotion, and the basic tenets of mental illness. This course is designed to introduce students to psychology as a social science as we review experiments, apply theories to the world around us, and learn the history of this unique subject.

**Latin American Studies (10-12) SEMESTER #6394000****Graduation Credit:** 0.5 Social Studies Elective

Latin American Studies is a half year social studies elective course in which students learn about history, culture and identity formation through a Latin American Studies context. The study of any history requires students to think about the past and apply it to our world today. To do that, we need to look through a lens that recognizes America's roots and look beyond public opinion and/or propaganda to see what was truly happening. Class readings and assignments will be based upon text describing the legal, political, economic, migratory, and social history of Latin Americans. Such insight from a particularly Latino perspective should motivate and help us to more effectively steer our community, country and world towards a more just and equal society.

*See IB Program Courses for descriptions:***IB History of the Americas HL / IB Theory of Knowledge**

## WORLD LANGUAGE

This department offers a great variety of skill levels in the studies of French, German, and Spanish. Native speakers are encouraged to take upper level courses.

**French I (9-12) YR #64211000****Graduation Credit:** 1.0 Elective

French I is a basic language course specifically for students who have had little or no previous experience in French. The course focuses on the development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Low to Novice-Mid and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**French II (9 -12) YEAR #64212000****Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Mid to Novice-High and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**French III Honors (9 -12) YEAR #64213400****Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-High to Intermediate-Low and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid

**French IV Honors (11 -12) YEAR #64213500****Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to see growth in the Intermediate level on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**AP French Language and Culture (11-12) YEAR #64215800****Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. AP French is a college-level course, taken for college credit. The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture communication is primarily in French.

**German I (9 -12) YEAR #64221000****Graduation Credit:** 1.0 Elective

Specifically for students who have had little or no previous experience in German. Focus is on the development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, w/ emphasis on making cultural comparisons. The goal is to move students from the Novice-Low to Novice-Mid and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**German II (9 -12) YEAR #64222000****Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Mid to Novice-High and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**German III Honors (9 -12) YEAR #64223400****Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-High to Intermediate-Low and beyond on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid

**German IV Honors (11-12) YEAR #64224300****Graduation Credit:** 1.0 Elective

Focus is on the continued development of the three modes of communication: Interpretive (reading & listening), Interpersonal, and Presentational (writing & speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to see growth in the Intermediate level on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**AP German (11-12) YEAR #64226100****Graduation Credit:** 1.0 Elective

College-level course, taken for college credit. Emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. This course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture communication is primarily in German.

**Spanish I (9 -12) YEAR #64251000****Graduation Credit:** 1.0 Elective

(This course is not designed for native or heritage speakers. The Language Department recommends that native or heritage speakers register for Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the Department Chair to ensure the best placement.) Spanish I is a basic language course specifically for students who have had no previous experience in Spanish. The course focuses on the development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Low to Novice-Mid on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**Spanish II (9 -12) YEAR #64252000****Graduation Credit:** 1.0 Elective

(The Language Department recommends that native or heritage speakers register for Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the Department Chair to ensure the best placement.) Spanish II focuses on the continued development of the three modes of communication: Spanish II cont'd: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-Mid to Novice-High on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**Spanish III Honors (9 -12) YEAR #64253400****Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. (The Language Department recommends that native or heritage speakers register for Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the Department Chair to ensure the best placement.) Spanish III Honors focuses on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to move students from the Novice-High to Intermediate-Low on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid, however it is not uncommon for it to take more than one school year to move up to the Intermediate level. Students entering the course above the Novice-High level will work to move up on level on the ACTFL Proficiency Pyramid.

**Spanish IV Honors (10 -12) YEAR #64254300****Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. The Language Department recommends that native or heritage speakers register for Spanish II, III, or IV, depending on their experience with the language. It is suggested students speak with the Department Chair to ensure the best placement. Spanish IV focuses on the continued development of the three modes of communication: Interpretive (reading and listening), Interpersonal, and Presentational (writing and speaking). The course is organized thematically, with an emphasis on making cultural comparisons. The goal is to see growth in the Intermediate level on the ACTFL (American Council for Teaching Foreign Languages) Proficiency Pyramid.

**AP Spanish Language and Culture (11-12) YR #64511000****Graduation Credit:** 1.0 Elective

**Honors Diploma:** Course fulfills Honors Diploma requirements. AP Spanish is a college-level course, taken for college credit. The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

*See IB Program Courses for descriptions:***IB French B SL 1 / IB French SL 2****IB Spanish B SL 1 / IB Spanish SL 2****IB German B SL 1 / IB German B SL 2**

# FINE ARTS *Visual*

## CERAMICS I & STUDIO ART CERAMICS I (9-12) YEAR

**1st** Semester Ceramics I #66041000

**2nd** Semester Studio Art Ceramics I #66043100

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** An introductory course focusing on design in high-fire stoneware clay. Basic instruction is given in beginning hand-building methods (pinch, coil, slab, additive/subtractive sculpture) and beginning work on the potter's wheel. Instruction also includes clay processes, glazing and various decoration procedures, firing processes and applicable history. Lab Fee Required.

## CERAMICS II & STUDIO ART CERAMICS II (10-12) YEAR

**1st** Semester Ceramics II #66042000

**2nd** Semester Studio Art Ceramics II #66043200

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** This is an advanced Art course in high-fire stoneware clay work. Instruction will include hand building, sculpture and work on the potter's wheel. A sketchbook (idea book, work book) is required as well as some textbook work. Participation in State, District and local student art shows is encouraged and in some cases required. Lab Fee Required.

## CERAMICS III & STUDIO ART CERAMICS II (11-12) YR

**1st** Semester Ceramics III #66043000

**2nd** Semester Studio Arts Ceramics III #66043300

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** This course is a continuation of work begun in Ceramics II in that students continue to work from the studio syllabus. Emphasis is placed on producing professional quality clay work including hand building, sculpture, and potter's wheel work. Students produce a body of three-dimensional artwork that either builds or greatly contributes to a viable portfolio for AP credit, art school entrance, or scholarship consideration. Advanced and specialized techniques are included. Participation in State, District, and Local student art shows and displays is required. This course fulfills requirements for the Honors Diploma. Lab Fee Required.

## 3D DESIGN Level I & STUDIO ARTS 3D DESIGN (9-12)

**YEAR** (3D Design 1st Semester #66100000 + Studio Arts 3D

Design 2nd Semester #66100100)

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** 3-D Design is for 9-12 grade students who want to have experience with and learn about hands-on crafts. This will continue in the second semester class, Studio Art 3-D Design. In both semesters, students will work with many different materials including beads, fiber, wicker, mosaics, chain mail, and paper. Students will also learn about different cultures, their history, and their art as we explore the various materials and projects. Lab Fee Required.

## ART FOUNDATIONS II & STUDIO ART FOUNDATIONS II (9-12) YEAR

(1st Semester Art Foundations II #66207000 + 2nd Semester Studio Art Foundation II #66207100)

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** Art Foundations II is the beginning art course at the high school level. We will work specifically in drawing and design. You will become familiar with the basic elements and principles of two-dimensional artwork. First semester lessons include projects in the art elements of line, shape, texture, and space. Second semester lessons cover value, color in-depth, principles of art, and exploration of different art materials. Lab Fee Required.

## PAINTING LVL 2 & STUDIO ART PAINTING (10-12) YR

(1st Semester Painting #66208000 + 2nd Semester Studio Art Painting #66208300)

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** Painting Class is for 10-12 grade students who have completed the Art Foundations II class in High School. In this class, students will use various painting media, techniques, and styles. We will paint with acrylics, oil, and watercolor, to create art in a wide range of subject matter. Students will learn techniques from different time periods and incorporate what they learn into their work. Art critique will be a part of each painting assignment. Lab Fee Required.

## PRINTMAKING & STUDIO ART PRINTMAKING (9-12) YR

(1st Semester Printmaking #66103000 + 2nd Semester Studio Art Printmaking #66103100)

**Graduation Credit:** 1.0 (0.5 Fine Arts + 0.5 Fine Arts)

**This course consists of two semesters.** This is an entry-level course for the High School Visual Arts Core Curriculum. Printmaking teaches how to make fine art prints using studio processes such as relief, intaglio, planographic, and stencil. With an emphasis on studio production, this course is designed to develop higher level thinking, art-related technology skill, art criticism, art history, and aesthetics. Lab Fee Required.

## COMMERCIAL ART 1 (9-12) YEAR #67421200

**Graduation Credit:** 1.0 CTE or Fine Arts (Commercial Art, Lvl 1)

Create unique artwork using the principles and elements of design. Learn traditional, digital and cutting-edge art techniques. Discover various careers from professional artists. Students will explore Photoshop, Illustrator, printmaking, vinyl cutting for stickers, poster design and more. Develop a personal portfolio for immediate employment or higher education. A lab fee required.

## COMMERCIAL ART 2 (10-12) YEAR #67423120

**Graduation Credit:** 1.0 Fine Arts or CTE (Commercial Art, Lvl 2) Students create original art using professional techniques. Explore the diverse and exciting careers of illustration, advertising and graphic design. Gain knowledge in concept design, layout copywriting, drawing, painting airbrush, Photoshop, Illustrator, InDesign illustration, cartooning, and graphic design. Assemble a portfolio for immediate employment or higher education opportunities. Lab Fee Required.

## COMMERCIAL ART 3 (11-12) YEAR #67420410

**Graduation Credit:** 1.0 Fine Arts or CTE (Commercial Art: Lvl 2) Create art using artistic techniques reflecting professional standards. Communicate your personal vision and develop exciting projects that prepare you for the world of Industrial Design. Explore the various careers in coordination with working professionals. Complete a series of designs and products that demonstrate your mastery of techniques, strategies and concepts. Assemble a portfolio for immediate employment or higher education opportunities. Lab Fee Required.

## AP STUDIO ART 2D DESIGN (11-12) YEAR #66209100

**Graduation Credit:** 1.0 Fine Arts or CTE

This class is based on a model developed by the College Board. Students will develop a portfolio of three sections, Breadth, and Concentration, and Quality. Portfolios will be graded by the College Board and successful portfolios will be awarded college credit. Portfolios can be used for admission to schools, scholarships, or for job interviews. Students will learn the professional standards of portfolio development and advanced design strategies. Media includes digital photography, painting, drawing, printmaking, and other diverse forms. Lab Fee Required.

## AP STUDIO ART 3D DESIGN (11-12) YEAR #66209110

**Graduation Credit:** 1.0 Fine Arts

This class is based on a model developed by the College Board. Students will develop a portfolio of three sections, Breadth, and Concentration, and Quality. Portfolios will be graded by the College Board and successful portfolios will be awarded college credit. Portfolios can be used for admission to schools, scholarships, or for job interviews. Students will learn the professional standards of portfolio development and advanced design strategies. A lab fee is required.

## AP STUDIO ART DRAWING (11-12) YEAR #66209120

**Graduation Credit:** 1.0 Fine Arts

AP Drawing is for 11-12 grade students who will submit a portfolio to the AP board for review to receive college credit. Students will work in three areas; breadth, concentration and quality. At the end of the year you will have 29 art works to submit. You will need to create one art work each week to meet your goal. Students, you will take photos of your work. Upload them to the AP site, write about your concentration, and select and mat five works that will be mailed to the board. Lab Fee Required.

## AP ART HISTORY (10-12) YEAR #66060000

**Graduation Credit:** 1.0 Fine Arts

This course will study humankind's creative efforts throughout history. Students will gain an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students will learn to look at works of art critically and to analyze what they see. This class requires a high degree of commitment to academic work in a program designed to meet college standards. No drawing or painting required)

## COMMERCIAL PHOTOGRAPHY 1 (9-12)

**Graduation Credit:** 0.50 CTE or Fine Arts SEM. #66223800

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. Lab fee is required.

## COMMERCIAL PHOTOGRAPHY 2 (10-12)

**Graduation Credit:** 0.50 CTE or Fine Arts SEM #66224630

Level 2 Digital Photo. Digital photography is designed to develop in students a lifelong love of photography through learning the technical expertise to enable them to produce art-quality work. Students will learn about cameras, printers, and Adobe Photoshop editing and presentation software. They will be given opportunities to present their photographs in gallery settings and on the web. Career opportunities in photography will also be explored. Lab fee required.

## ADVANCED COMMERCIAL PHOTOGRAPHY 2 (11-12)

**Graduation Credit:** 1.0 CTE or Fine Arts YEAR #66224600

Level 3 Digital Photo. 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. Lab fee required.

# FINE ARTS *Performing*

## GUITAR (9-12) SEMESTER #66902000

**Graduation Credit:** 0.5 Fine Arts

This guitar course is a beginning to early intermediate level course that focuses on giving students a strong foundation of guitar knowledge as well as a variety of guitar specific skills. Students will study a combination of modern and classical guitar technique and have the chance to choose project pieces to study and perform. I recommend this class to students who have never taken a music class but have interest in music and students who may know music, but have not really learned the guitar.

## IB FILM STUDIES SL 2 (11-12) YEAR #66102820

**Graduation Credit:** 1.0 Fine Arts

The development of creative, analytical and production skills within film-making. IB test.

## DANCE I-A (9-12) 1st SEMESTER #66105000

**Graduation Credit:** 0.5 Fine Arts or Lifetime Activities

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 I-B (9-12) 2nd SEMESTER #66106000

**Graduation Credit:** 0.5 Fine Arts or Lifetime Activities

second semester of Dance I-A

## DANCE II-A (9-12) 1st SEMESTER #66107000

**Graduation Credit:** 0.5 Fine Arts or Lifetime Activities

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 II-B (9-12) 2nd SEMESTER #66108000

**Graduation Credit:** 0.5 Fine Arts/Lifetime Activities

This intermediate level course is second semester of Dance IIA.

## DANCE III-A (10-12) 1st SEMESTER #66109000

**Graduation Credit:** 1.0 Fine Arts or Lifetime Activities

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 III-B (10-12) Jr. Dance Co. 2nd SEM #66110000

**Graduation Credit:** 1.0 Fine Arts or Lifetime Activities

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

## DANCE COMPANY (10-12) YEAR #66285000

**Graduation Credit:** 1.0, Fine Arts or Lifetime Activities

Dance Company provides the opportunity for members to enhance their skills and showcase their talents in dance technique, composition, improvisation, and performance. Students will be studying a variety of dance styles. Dance Company performs at various events during the year including their annual spring concert.

## SOCIAL DANCING (9-12) SEM #66286000

**Graduation Credit:** 1.0 Fine Arts, PE or Elective credit

Social Dance is designed to increase knowledge and ability in cultural dance and partner dancing. Various types of ballroom, Latin, line dances, and folk dances will be taught. Some examples are Swing, ChaCha, Salsa, Waltz, and Tango. Students will also explore the history, music, and cultural significance of social dances; and learn about dance contributing to a healthy lifestyle. This class is geared toward the beginning social dancer. No previous dance experience or performing required.

## THEATRE FOUNDATIONS I (9-12) 1st SEM #66111000

**Graduation Credit:** 0.5 Fine Arts

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 (9-12) 2nd SEM #66112000

**Graduation Credit:** 0.5 Fine Arts

Second Semester This course fosters and refines all the basic concepts in theatre taught in 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 (9-12) 1st SEM #66113000

**Graduation Credit:** 0.5 Fine Arts

This course adds to Theatre Foundations I and II concepts of character motivation through movement and voice, and projection of mood and feelings. Students study design concepts of visualization and technology, script research, variety in art forms, and assess performance effectiveness. This course tackles Shakespeare. You will be cast in a short play, prepare and perform scenes and monologues for the high school Shakespeare Competition in Cedar City. In addition, you will learn about directing, film acting, playwriting, and stage makeup. This course will also go into more detail on advanced acting and technique.

## THEATRE FOUNDATIONS IV (9-12) 2nd SEM #66114000

**Graduation Credit:** 0.5 Fine Arts

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

## THEATRE FOUNDATIONS V (10-12) SEM #66114500

**Graduation Credit:** 0.5 Fine Arts

## THEATRE FOUNDATIONS VI (10-12) SEM #66114600

**Graduation Credit:** 0.5 Fine Arts

## PLAY & MUSICAL PRODUCTION (9-12) YEAR #66276000

**Graduation Credit:** 1.0 Fine Arts

This class will perform the fall musical. In addition, you will be cast and perform in a Broadway Musical Review, a competition play, and a spring play. Outside class time is required in order to be in this class.

## CHORUS TB/BOYS (9-12) YEAR #66240000

All voices no Audition **Graduation Credit:** 1.0 Fine Arts

This course is a beginning level who are interested in singing but have very little experience. It is a non-auditioned choir. All are encouraged to enroll. If students have had choral experience in the past and are interested in joining an auditioned choir, schedule an audition with Ms. Houston.

## CHORUS SA/GIRLS (9-12) YEAR #66240100

All Voices no Audition **Graduation Credit:** 1.0 Fine Arts

This course is a beginning level who are interested in singing but have very little experience. IT is a non-auditioned choir. All are encouraged to enroll. If students have had choral experience in the past and are interest in joining an auditioned choir, schedule an audition with Ms. Houston.

## CHOIR II SA (10-12) YEAR #66115000

**Graduation Credit:** 1.0 Fine Arts

Students refine their musical ability and aesthetic understanding through singing in a choral ensemble. Study emphasizes reading music with fluency and polishing performance skills. All voices by Audition.

## A'CAPELLA /CONCERT CHOIR (10-12) YEAR #66117000

**Graduation Credit:** 1.0 Fine Arts

Advanced choir for students with intermediate to advanced sight singing skills. Students must be able to harmonize with other vocal parts. All voices by Audition.

## MADRIGALS (11-12) YEAR #66249000

**Graduation Credit:** 1.0 Fine Arts

Advanced choir with limited enrollment for students with advanced sight-singing skills & ability to harmonize independently. Willing to dedicate several hours outside of school for performances, especially during December. All voices by Audition.

## STRING ORCHESTRA (9-12) (Level 1) YEAR #66265000

**Graduation Credit:** 1.0 Fine Arts

This course provides opportunities to foster and refine musical expression through instrumental performance, analytical/evaluative skills, and aesthetic judgment. Study includes the care and cultivation of a beautiful tone, the ability to read music with fluency, team spirit and responsible rehearsal habits.

## CONCERT BAND (9-12) YEAR #66233000

**Graduation Credit:** 1.0 Fine Arts

The Concert Band open to: Flute, Oboe, Clarinet, Bass Clarinet, Alto Sax, Tenor Sax, Bari Sax, Trumpet, Horn, Trombone, Euphonium/Baritone, & Tuba. Students should be able to read music and need to have prior band experience. Over the course of the year we learn and perform a large variety of music. This class also has travel and competition opportunities throughout the year.

## SYMPHONY ORCHESTRA (10-12)

**Graduation Credit:** 1.0 Fine Arts

**YEAR #66266000** Symphony orchestra is an advanced level auditioned ensemble for students who have had at least two years of music instruction and have passed an entry audition. Students will learn and perform a variety of repertoire and participate in a number of festivals and competitions. This class also has great opportunities for leadership as well as travel opportunities.

## SYMPHONY BAND WIND ENSEMBLE (10-12)

**Graduation Credit:** 1.0 Fine Arts

**YEAR #66235000** Wind Ensemble / Symphonic Band is an advanced level auditioned ensemble for students who have had at least three years of music instruction and have passed an entry audition. Over the course of the year we learn and perform a large variety of music from pep band to pop to band standards. If you are looking for an advanced class with performance, travel, and competition opportunities, this is a great course for you.

## AP MUSIC THEORY (11-12) YEAR #66546000

**Graduation Credit:** 1.0 Fine Arts

This course provides the serious music student with advanced study in the elements of music and music theory of the Common Practice Period, including scales, chords, part-writing, structural analysis, aural recognition, and composition. Students are expected to be enrolled in a Highland High School music ensemble course. Students enrolled in AP Music Theory are expected to take the Advanced Placement examination in the spring.

*Performing Arts Continued...*

**BEGINNING PIANO (9 -12) YEAR #66237000**

**Graduation Credit:** 1.0 Fine Arts

In the first year students are enrolled in piano classes, they learn basic rhythms, correct hand position and technique, articulations, dynamics, note names on the piano and how to read notes on the grand staff. The curriculum also includes information about the lives of many of the great composers along with teaching the students how to present themselves in a public performance. Four recitals are held each year to demonstrate the student's progress and give them the opportunity to practice their public presentation skills.

**INTERMEDIATE PIANO (10 -11) YEAR #66238000**

**Graduation Credit:** 1.0 Fine Arts

For students who have had at least 1 year of piano study or took Beginning Piano course. Advanced rhythm study, technique, articulations, dynamics. Students will need to dedicate 2 hours of practice per week.

**PERCUSSION ENSEMBLE (9-12) YEAR #66261000**

**Graduation Credit:** 1.0 Fine Arts

Percussion Ensemble is available to students who have prior percussion experience or have taken a previous band class. Students in the class will perform with the bands, learn intermediate and advanced technique, be part of the drum line and have other performance opportunities.

## HEALTHY LIFESTYLES

**PE Skills (9 -12) SEMESTER CLASS**

**BOYS #68109010 | GIRLS #68109020**

**Graduation Credit:** 0.5 PE Graduation Requirement

This course will develop participation skills and techniques in a variety of individual and team sports and dance activities with emphasis on leadership, courtesy, respect, and fairness. This course helps each student adopt a personal lifestyle that will achieve physical fitness.

**Fitness for Life (9-12) SEMESTER CLASS**

**BOYS #68200010 | GIRLS #68200020**

**Graduation Credit:** 0.5 PE Graduation Requirement

Students will identify and understand all of the components of fitness, such as cardiovascular fitness, strength, flexibility, endurance, weight control, nutrition, eating disorders and stress management. This course helps each student adopt a personal lifestyle that will achieve physical fitness.

**Lifetime Activities (10 -12) SEMESTER #68204000**

**Graduation Credit:** 0.5 Lifetime Activities

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

**Health (10 -12) SEMESTER #68901000**

**Graduation Credit:** 0.5 Health Graduation Requirement.

This one semester course assists students in the continual development of skills needed to improve the quality of life. The course emphasizes decision making and consequences relating to their personal health. It offers students an opportunity to evaluate and improve their lifestyle. Health is a required course for graduation.

**Medical Anatomy & Physiology-(MAP) (10 -12)**

**Location:** HHS

**YEAR #67939000**

**Graduation Credit:** 1.0 CTE, Health, or 3rd year science credit

This course is designed for students pursuing medical and health related careers or for those who wish to gain a better understanding of the human body that can be applied to everyday life. The course focuses on human biology and incorporates dissections, labs, and other hands-on activities. Areas of study include basic body chemistry, tissues, anatomy and physiology of all body systems, diseases and medical terminology. Instruction includes intermediate anatomy and physiology, diseases and disorders, and medical ethics. The class is designed to prepare students for a variety of health care programs and future employment in a health care field. Lab Fee Required.

**Exercise Science & Sports Medicine (11-12)**

**Graduation Credit:** 1.0 CTE

**YEAR #68801000**

This full year course is designed to teach students components of sports medicine including the exploration of therapeutic careers. Students will be able to understand and apply medical terminology and abbreviations, identify the anatomy and physiology of the human body, become familiar with basic C.P.R., first aid, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, nutrition, and sports psychology.

**YOGA I (0.5) (10 -12) SEMESTER #68215000**

**YOGA II (0.5) (10 -12) SEMESTER #68215020**

The Yoga course is designed to promote life-long physical activity and to develop an understanding of the benefits of being healthy. In this class, we will utilize yoga practices to become more physically, mentally, energetically, and emotionally fit. This class will present techniques in yoga. Yoga means union, and refers to the union of the body, mind, and breath. It is a system of self-care that was developed in India and is practiced all over the world. Yoga develops core strength and helps to develop lung capacity through careful breathing. The emphasis in this class will be Asana practice which refers to poses and postures designed to develop flexibility, muscular strength, and muscular endurance. Emphasis will be placed on correct alignment and safe practice. Yoga students will learn concepts of physical fitness, identify stress reduction techniques, gain an increased ability to concentrate, and develop a Personal Fitness Plan to support a lifetime of fitness.

**Weight Training: Football Athletes (9 -12)**

**Graduation Credit:** 0.5 Lifetime Act.

**SEMESTER 1 #68221000**

**SEMESTER 2 #68222000**

This course is designed for athletes who require a highly specialized and individualized program for any specific sport training.

**Weight Training: All Other Boys' Sport Athletes (9 -12)**

**Graduation Credit:** 0.5 Lifetime Act.

**SEMESTER 1 #68221000**

**SEMESTER 2 #68222000**

This course is designed for athletes who require a highly specialized and individualized program for any specific sport training.

**Athletics (All Girl Sports)**

**SEM 1 #68908000**

**SEM 2 #68909000**

**Graduation Credit:** 0.5 PE (10 -12)

This course consists of two semesters. Physical Fitness geared for Athletes.

**Body Conditioning (10-12)**

**SEMESTER 1 #68223000**

**SEMESTER 2 #68225000**

**Graduation Credit:** 0.5 Lifetime Activities

This course will include basic weight training, fitness, flexibility techniques and individualized lifetime weight lifting instruction.

## BUSINESS

**Students are required to successfully complete 0.5 Digital Studies and 0.5 Financial Literacy credits.**

**Exploring Computer Science (9-12) SEM #65261800**

**Graduation Credit:** 0.5 Digital Studies, CTE or Elective

This is an introductory course for students without much computer experience. For example: students who have already gained coding skills should NOT take this class and choose a more advanced class to meet the graduation requirement. ECS features Interacting with Computers; Problem-solving, Introduction to Programming (using Scratch), and Introduction to Web Development.

**Business Office Specialist (9-12) SEM #65209210**

*This class provides opportunities for basic, intermediate and advanced levels of achievement.*

**Graduation Credit:** 0.5 Digital Studies, CTE or Elective

This course centers on building skills in Microsoft Offices programs, including Word, Excel, PowerPoint and Access. These skills contribute to success at school and are essential in the world-of-work. Students can formally validate their abilities by taking Microsoft Office Specialist and Microsoft Office Expert industry certification exams in class at no cost. Long after the semester is over, these skills will reward students as they create quality projects for varied purposes and are better able to adapt to changing trends in technology. Lab fee required.

**Web Development 1A (9-12) SEMESTER #65229100**

**Graduation Credit:** 0.50 Digital Studies, or CTE or Elective

This course focuses on up-to-date concepts and skills that are used in the development of today's websites. Students will learn fundamentals of how the Internet works and basic building blocks for the World Wide Web, including HTML and Cascading Style Sheets (CSS) as they create web pages. Lab fee required.

**Computer Programming (9 - 12) Location: CTC**

**Computer Programming I**

**SEMESTER #65274010**

**Computer Programming II**

**SEMESTER #65278020**

**(9 -12) Location: CTC**

**Graduation Credit:** 0.50 Digital Studies, 0.50 CTE

Introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce concepts and problem solving skills to beginning students through a programming language such as Delphi, C++, C#, Java, Python, or VB.

This is an intermediate class in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in Computer Programming IA. Introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs. The skills test covers skills learned in Computer Programming IA & IB (Java)

**Financial Literacy (11-12) SEMESTER #65612000**

**Graduation Credit:** 0.5, Financial Lit

The course provides students with understanding of basic financial concept skills to use to conduct their personal finances. Students develop individual plans – budgeting, short-term and long-term financial planning, and career preparation

## OTHER ELECTIVES

**Yearbook (11-12)**

**Location:** HHS

**YEAR #9292000**

**Graduation Credit:** 1.0 CTE OR ELECTIVE

This full-year course provides skill development in the electronic This full-year course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Proofreading, document composition, and communication competencies are also included. The end product is the publication of the Highlander, the Highland High School Yearbook. Students will be expected to attend, photograph, and document various activities during the school year.

**Drivers Education (9-12)**

**SEMESTER 1 #69238000**

**Drivers Education (9-12)**

**SEMESTER 2 #69240000**

This course places emphasis on traffic safety education. Learn traffic procedures and laws to become a responsible driver. Must be at least 15 years old when class starts.

**Stage Crew (10 -12)**

**YEAR #67941000**

**Graduation Credit:** Elective Credit

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.

**Debate I (9 -12)**

**YEAR #60921000**

**Graduation Credit:** 1.0 Elective

This class is designed for beginning students interested in competitive speech activities. Competition in debate, oratory, impromptu, extemporaneous speaking and student congress are emphasized.

**Debate Advanced (10 -12)**

**YEAR #60922000**

**Graduation Credit:** 1.0 Elective OR English 12

This class is for junior varsity and varsity debaters. The course will emphasize the theory of argumentation and persuasion and all students are required to compete on the debate circuit.

**Peer Tutor (10 -12)**

**YEAR #69264000**

**Graduation Credit:** 1.0 Elective

This course allows students to gain teaching experience in working with students that have disabilities. Peer tutors provide individualized instruction in self-contained classroom as well as general education classes.

**Teacher -or- Staff Aide (11 –12) Requires Approval**

Students assist the teaching / office staff by assisting in misc. tasks from answering phones to assisting with the classroom activities. A student will be assigned to only one period per day. See counseling office for teachers or offices that are requesting student aides.





## Career & Technical Education

**CAREER & TECHNICAL EDUCATION PATHWAY COMPLETER AWARD:** The Career Pathway Completer Award is for students who earn 3 credits of "C" or better in a specific career pathway. This medalion goes great with either black or white graduation gowns!! See your counselor or CTE Coordinator for more information.

**CTE COURSES:** Most of these classes are at Highland, but some are offered off-campus at the district Career & Technical Education Center (CTC), Horizonte, or East High School, as designated. Transportation to and from these sites is provided unless otherwise indicated.

## AGRICULTURE EDUCATION

**Biology Agricultural Sci.(10 -12) YEAR #67927000**  
**Location:** HHS **Graduation Credit:** 1.0 Biology or CTE

This course is designed to meet the requirements for biological science credit. It is a hands on way to earn biology credit with an emphasis on agriculture as it relates to nursery operation and landscape management. This is a tech center course taught at Highland High.

**Small Companion Animal (9 -12) SEMESTER #67239000**  
**Location:** CTC **Graduation Credit:** 0.5 CTE

This class focuses on relationships between humans and the animals we share our lives with. Training techniques are discussed for guide dogs, search and rescue, show animals, police & military dogs and companion animals. The companion animal science is a program designed to enhance a student's basic understanding of the animal husbandry practices and to expose students to the vast career opportunities relating to animals. The curriculum includes: Health related issues, giving students a knowledge of how to properly care for their pets. Off-Campus.

**Guide Dog Training (10-12) YEAR #67239200**  
**Location:** CTC (Off Campus) **Graduation Credit:** 1 CTE

The Salt Lake City School District has partnered with Guide Dogs for the Blind, Inc.; providing students with a real life experience of raising a puppy. The format for this class is completely hands-on. Students who are approved will raise a future guide dog. The puppies are bred by Guide Dogs and given to students. The puppies will live with the students for a year. Student will learn first hand how to care for and train these very special companion dogs.

**Guide Dog Training (10-12) YEAR #67239120**  
**Location:** CTC (Off Campus) **Graduation Credit:** 1 CTE

The Salt Lake City School District has partnered with Guide Dogs for the Blind, Inc.; providing students with a real life experience of raising a puppy. The format for this class is completely hands-on. Students who are approved will raise a future guide dog. The puppies are bred by Guide Dogs and given to students. The puppies will live with the students for a year. Student will learn first hand how to care for and train these very special companion dogs.

## BUSINESS/MARKETING & INFORMATION TECHNOLOGY

Digital Studies is new as of 2018-19; it replaces a computer technology requirement. The Digital Studies graduation requirement helps students grow from "computer-users" to "computational-creators" through successful completion of one of these courses at Highland High: Business Office Specialist, Exploring Computer Science, Web Development 1A. The Salt Lake City School District Career & Technical Education Center (CTC off campus) offers one additional course that satisfies the digital studies graduation requirement: Computer Programming I.

**Exploring Computer Science (ECS)(9-12) SEM#65261800**  
*this is a basic level class*  
**Graduation Credit:** 0.5 Digital Studies, CTE or Elective

This course aims to attract a broader range of students into the field of computer science—leading to future opportunities for high-paying jobs in fields that have a growing need for qualified applicants. This is an introductory course for students without much computer science experience. For example: students who learned coding in middle school or have gained coding skills in other ways, should NOT take this class and choose a more-advanced class to meet this graduation requirement. ECS has three strands: *Interacting with Computers; Problem-solving and Introduction to Programming (using Scratch).* Students become members of a "computing community of practice" as they are introduced to the behavior, language and skills or computer scientists. Lab fee required.

**Business Office Specialist (9-12) SEMESTER #65209210**  
This class provides opportunities for basic, intermediate and advanced levels of achievement.

**Graduation Credit:** 0.5 Digital Studies, CTE or Elective  
This course centers on building skills in Microsoft Offices programs, including Word, Excel, PowerPoint and Access. These skills contribute to success at school and are essential in the world-of-work. Students can formally validate their abilities by taking Microsoft Office Specialist and Microsoft Office Expert industry certification exams in class at no cost. Long after the semester is over, these skills will reward students as they create quality projects for varied purposes and are better able to adapt to changing trends in technology. Lab fee required.

**Web Development 1 A (9-12) SEMESTER #65229100**  
**Graduation Credit:** 0.50 Digital Studies, or CTE or Elective

This course focuses on up-to-date concepts and skills that are used in the development of today's websites. Students will learn fundamentals of how the Internet works and basic building blocks for the World Wide Web, including HTML and Cascading Style Sheets (CSS) as they create web pages. Lab fee required.

**Word Processing (9-12) SEMESTER #67302000**  
**Graduation Credit:** 0.5 Elective **Location:** HHS

This class gives students the opportunity to increase their keyboarding skills, helping them to be successful as they advance to their digital studies requirement. As students create a variety of documents, increased efficiency, productivity, quality, and creativity will be evident through their use of basic and advanced software features. Instruction on proper keyboarding technique and recommended styles for business documents will coincide with their software training. A lab fee required.

**Desktop Publishing I (10-12) SEMESTER #65218000**  
**Location:** HHS **Graduation Credit:** 0.50 CTE/Elective

This semester course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Proofreading, document composition, and communication competencies are also included. A lab fee required.

**Yearbook (11-12) YEAR #6292000**  
**Location:** HHS

**Graduation Credit:** 1.0 CTE/Elective  
This full-year course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Proofreading, document composition, and communication competencies are also included. The end product is the publication of the Highlander, the Highland High School Yearbook. Students will be expected to attend, photograph, and document various activities during the school year. Lab fee required.

**Marketing 1 (10-12) SEMESTER #65221300**  
**Location:** HHS

**Graduation Credit:** 0.50 CTE/Elective  
Marketing 1 is the foundation for all marketing courses. Students will learn basic principles that lead to careers in marketing, finance, hospitality, and management. Students will be introduced to the world of marketing including the free enterprise system. The seven core functions of marketing will be examined: Marketing Planning, Marketing-Information Management, Pricing, Product/Service Management, Promotion, Channel Management, and Selling. A central focus throughout the course will be the development of soft skills including teamwork, oral communication, written communication, decision-making, and emotional intelligence. Students should have the opportunity to participate in DECA, a student organization that prepares emerging leaders and entrepreneurs.

**Entrepreneurship (10-12) SEMESTER #67227500**  
**Location:** HHS **Graduation Credit:** 0.50 CTE/Elective

This course helps student's gain an understanding of the business/marketing principles necessary to start and operate a business. Students will first learn basic economic principles related to business ownership. They will identify and assess common traits and skills found in entrepreneurs, explore business opportunities, and compare the risks and rewards of owning a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, determining feasibility of an idea utilizing research, developing a plan to organize and promote the business and its products/services, and finally, to understand the capital required, the return on investment desired, and the potential for profit.

## FAMILY & CONSUMER SCIENCES EDUCATION PATHWAY

**Individual and Family Relationships (11 -12) SEMESTER #67238100**

**Location:** HHS **Graduation Credit:** 0.5 CTE & .5 Financial Lit

This course includes the study of developing skills to build and maintain a healthy self-concept and effective communication that establish healthy relationships for an individual, family, community, marriage, peers and professionally. This course will emphasize establishing and maintaining relationships based on effective communication, diverse family systems, characteristics of personal development and the impact of relationships on personal and career connection.

**Child Development (9 -12) SEMESTER #67237000**  
**Location:** HHS **Graduation Credit:** 0.5 CTE

Boost your knowledge and understanding of human growth and development, as you observe and analyze children's physical, intellectual, emotional, and social growth from the prenatal period through adolescence. Parenting skills are developed as appropriate care, positive guidance techniques, and child related issues are studied. This course will lay the foundation for future careers in child related fields and parenting. At the completion of this course, you will be qualified to take Early Childhood Education I. Lab fee required.

**Early Childhood Education (10 -12) YEAR**

Early Childhood Ed. 1 - SEM 1 #67225640  
Early Childhood Ed. 2 - SEM 2 #67225710

**Location:** HHS **Graduation Credit:** 0.5 CTE per Semester

**1st Semester:** Experience the joy of creating fun and exciting activities for children who are full of life and love learning! In this hands-on and engaging course, you will plan, evaluate activities, and observe children in a child care lab. You will gain insights into children's development, and your own growth, which will optimize your interactions with children now and in the future. At the conclusion of this course, you will be better prepared to enter a college-level teaching program, and you will have the skills necessary for advanced certifications and immediate employment in child care related jobs. At the completion of this course you will be qualified to take Early Childhood Education II. Lab fee required.

**Early Childhood Education 3 (11 -12) YEAR #67225730**  
**Location:** HHS **Graduation Credit:** 1 CTE

Expand your skills in teaching young children. Gain hands-on experience as you work with young children and complete steps to apply for the Child Development Associate (CDA) credential. Your experiences will include: program planning and management, resource and facility management, peer mentoring, supervising recreational and play activities, and preparing, implementing, and evaluating learning experiences for children. At the conclusion of this course, you will be well on your way to completing the CDA credential and will be more highly qualified for immediate employment in child care related jobs. Lab fee required.

**EXPLORING EDUCATION (9-10) SEMESTER #67225800**  
**Graduation credit:** .50 CTE or Elective **Location:** CTC

This is an exploratory course for the newly outlined Teaching as a Professions Pathway. Additional courses to follow in years 10-12. Learn more about yourself, how you learn and how human development influences learning. Explore careers in education including school counseling, teaching, media services or other education professions. Learn about past, present and the future of education in the United States. Create an electronic portfolio that will continue with you throughout the Teaching as a Professions Pathway.

## FOOD & CULINARY ARTS

**Culinary Arts/Chef Prep (10 - 12) YEAR #67215300**

**Location:** Taught daily at Horizonte  
**Graduation Credit:** 2.0 CTE

Have you ever wanted to know what it feels like to work in a fast paced industrial kitchen? Have you ever wanted know how professional chefs do it? This is chef prep. Not only do you learn how work efficiently but you also learn how to be part of a culinary team. Cook gourmet foods, cater for large groups, eat healthy and learn about potential career options all while gaining real world experience. This class is a challenge but if you love to cook, like to eat as well as have fun learning then Chef Prep is for you. Students will be trained for career opportunities in the food service/ culinary arts industry. Students will have the opportunity to learn and practice safety and sanitation procedures, and use and maintain commercial food service equipment. They will perform quantity food preparation as it relates to catering, bakery, restaurant, hospitality, and fast food business operations. This is a TECH CENTER course taught at Horizonte. FEEL \$25 per Semester, paid to the Treasurer.

**Food & Nutrition (9 -12) SEMESTER #67193020**  
**Location:** HHS **Graduation Credit:** 0.5 CTE

Do you like to eat good food? Sign up and develop your cooking skills as you learn the principles of good nutrition and how to use My Plate guidelines for every day eating. Learn how to improve your level of fitness and personal health and well-being. We cook about 50-60% of the time. FCCLA student leadership organization may be an integral part of the course. A lab fee required.

**Culinary Arts (9-12) SEMESTER #67190100**  
**Graduation Credit:** 0.5 CTE **Location:** HHS

This course is the secondary step in the culinary arts pathway. Experiences will highlight food safety and sanitation, careers, introduce knife skills and cooking techniques, and basic culinary skills related to stocks, sauces, and yeast breads. There will be a focus on career readiness. Student leadership and competitive events (FCCLA) may be integrated into this course.

**Baking & Pastry (9-12) SEMESTER #67190500**  
**Graduation Credit:** 0.5 CTE **Location:** HHS

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 cooking production. Students will also have the opportunity to practice industry workplace skills, food safety and understand the opportunities for careers within baking and pastry industry.

**ProStart I (10-12) YEAR # 67190000**  
**ProStart II (10-12) YEAR #67190200**

**Graduation Credit:** 1.0 CTE **Location:** HHS

Students will continue to be trained for employment in restaurants. We study cost control, nutrition, purchasing and inventory, marketing and sustainability. We also study and cook breakfast foods, sandwiches, salads and garnishes, meat, poultry, seafood, desserts, baked goods, and global cuisine from the Americas, Europe, Mediterranean, Middle East and Asia. ProStart 1 & 2 are taught in alternating years. You don't need to take ProStart 1 before taking ProStart 2. If you've had Food and Nutrition 1 & 2 you may take ProStart 2 Hands on cooking is an integral part of this course. We cook about 90-95% of the time. A lab fee required.

## INTERIORS, TEXTILES & DESIGN

**Sewing Textiles I (9 -12) SEMESTER #67191020**  
**Location:** HHS **Graduation Credit:** 0.5 CTE/Elective

This course introduces students to basic apparel design and construction skills as they sew accessory and apparel projects. These skills lay the foundation for creating original projects for self and others and lead to exciting opportunities as entrepreneurs (sew and sell!) and careers in the global apparel industry. If a student wants to become a "CTE Pathway Completer," this course contributes to "Fashion Design, Manufacturing, and Merchandising" and/or "Interior Design" pathways. Student leadership and competitive events (FCCLA) may be integrated into this course. Lab Fee Required.

**Sewing Textiles II (9-12) SEMESTER #67192020**  
**Location:** HHS **Graduation Credit:** 0.5 CTE/Elective

Imagine; Create; Celebrate! In this course, students strengthen and broaden their apparel design and construction skills as they create intermediate level projects requiring sleeves, zippers, facings, and more. These skills expand the possibilities for creating original projects for self and others and lead to exciting opportunities as entrepreneurs (sew and sell!) and careers in the global apparel industry. If a student wants to become a "CTE Pathway Completer," this course contributes to the "Fashion Design, Manufacturing, and Merchandising" pathway. Student leadership and competitive events (FCCLA) may be integrated into this course. Lab Fee Required.

**Fashion Design Studio (9 -12) SEMESTER #67209200**  
**Location:** HHS **Graduation Credit:** 0.5 CTE

Students will learn to apply the principles and elements of design to their clothing as they evaluate and learn how to choose styles that will flatter their figure type. Past, present, and future fashions and the parts of a garment and basic textiles information will be taught. Students will use writing skills to discuss these basic fashion elements in a design portfolio over the semester. FCCLA student leadership organization may be an integral part of the course. Lab fee required. Juniors and Seniors may take for Concurrent Enrollment credit. See instructor at start of the year for more information on how to apply and register. Concurrent fee of one time \$40 application fee and partial tuition of \$5 per credit hour is required.

**Fashion Design Merchandising (10-12) SEMESTER #65261020**  
**Location:** HHS **Grad. Credit:** 0.5 CTE

The Fashion Design Merchandising course is an introductory course that teaches the concepts of entry-level business and fashion fundamentals. The following list of skill standards prepares the student in fashion merchandising with the fundamentals of: basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, fashion promotion and fashion careers. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. Student leadership and competitive events (FCCLA and/or DECA) may be an integral part of the course. Lab fee required.

**Interior Design I (9 -12) SEMESTER #67901000**  
**Location:** HHS **Graduation Credit:** 0.5 CTE

Interior design is about spaces and the needs of the people that occupy them. The designer works on the aesthetics, as well as the functional, social, safety and cultural aspects of the space. In this class you will explore your creativity through the elements and principles of design. Learn to consider space allocation, traffic flow and furniture arrangement. Investigate careers. FCCLA may be an integral part of this course. Lab fee required.

**Interior Design II ( -12) SEMESTER #67905000**  
**Location:** HHS **Graduation Credit:** 0.5 CTE

This course provides students the opportunity to develop skills in applying the elements and principles of design to interiors. Projects are integrated throughout the course to provide applications as the students study: architecture, furniture styles and constructions, surface treatments and backgrounds, design and function of space and lighting. Design skills may be developed through computer projects. Residential, commercial and school interior design applications may also be explored as well as careers. FCCLA may be an integral part of this course. A lab fee required.

**Interior Design Concurrent Enrollment (11 -12) SEMESTER #67906000**  
**Location:** HHS

A broad overview of the principles of interior design, furniture selection, accessories, lighting, fabrics and architectural finishes. FEE: \$25 textbook rental; \$5 per credit hour; one-time college application fee \$40. Since this is a college course, fee waivers don't apply.

## HEALTH SCIENCE EDUCATION PATHWAY

**Health Science Capstone (11-12) YEAR #67950500**  
**Location:** HHS

**Graduation Credit:** 1.0 CTE or 0.5 Health or Science Elective  
Advanced Health Science HL is a course designed to study the health sciences and health professions through medical case studies. The course focuses on patient case histories, the disease processes, and the health professionals who work as a team to diagnose and treat disease. Each case study focuses on a different disease and different body system. The case studies have an on-line component. Students are assigned an Anatomy in Clay model which allows the student to build the human body using clay, expanding the student's understanding of the human body. Lab fee required.



**Biotechnology (11-12) YEAR #67928200****Location:** HHS**Graduation Credit:** 1.0 CTE or Science Elective & College Sci.  
Biotechnology is a fun-filled, exciting, hands-on class that explores the labs and technology of biology. It is designed as an introduction to the basics of lab work and also to create an awareness of career possibilities in the field of biotechnology. This course provides basic laboratory skills and a solid foundation for success in future high school or university lab experiences. The curriculum covers a range of material from performing basic measuring labs to accomplishing complex genetics labs to evaluating students' fitness; there is something here for everyone.**Certified Nurse Assisting (11-12) YEAR #67933000****Location:** CTC **Graduation Credit:** 1.0 CTE

Students will learn routine nursing skills to service patients in a hospital or long-term care facility. Students completing the CNA course will be prepared to take the state CNA Certification exam. This license will facilitate employment in a hospital and future educational opportunities in health science. There is an age requirement to take the licensing exam, students must be 18+ within 30 days of course completion in May. State testing fee.

FEE: \$25.00 paid to treasurer

\$17 CPR Certification Card

\$24 Optional item (to own) Blood Pressure Cuff/Stethoscope—Paid to Treasurer

**The following are required for students to participate in clinical rotations for certification and paid directly to state agencies:**

\$30 Two-step TB Test

\$26 Urine drug screen

Immunizations and TB testing may be covered under personal insurance or with primary care doctor.

State Certification Fee: \$75.00

**Emergency Careers FS (9-12) SEMESTER #67942150****Location:** CTC **Graduation Credit:** 0.5 CTE

This is course prepare individuals with knowledge of skills used within firefighting. This course is a general introduction to career possibilities within emergency services. It includes instruction in how to get started in an emergency career, creating and delivering public presentations, healthy living, communication skills, CPR certification, and CERT (Community Emergency Response Team) completion.

**EMT PREP-PATIENT ASSESSMENT (12) SEM# 67942030****(Formerly Emergency Medical Responder)****Graduation Credit:** .50 CTE, **Location:** CTC, **Taught:** SEM 1

This course is recommended to be taken after EMT Basic Certification. Students will take the knowledge learned in Medical Anatomy and Physiology and Medical Terminology and apply it to case studies and patient scenarios. Students will learn vital skills needed to pass the psychomotor part of the NREMS exam. This new course is an integral part of preparing students to take the EMT Basic Certification course as a senior in Semester 2.

**FEE:** \$17 CPR Certification paid to treasurer

(Only paid once in fall semester for year EMT Basic Cert)

\$80 National EMT Exam paid to NREMT with application

\$107 State EMS Fee paid to BEMS directly with application. Due September 20th to avoid late fee.

**EMERGENCY MEDICAL TECH – EMT BASIC CERT (12)****DB SEMESTER # 67942200****Credit for Graduation:** 1.0 CTE (DB—A double block course on one day) **Location:** CTC **Taught:** Semester 2

Must turn 18 within 90 days of completing course

This course prepares students to perform initial medical diagnosis, treatment, and comprehensive care in medical crises; under the general supervision of a coordinating physician. Includes instruction in all aspects of basic health care; disease, disorder, and injury symptomology and diagnosis; emergency medical treatment procedures for various injuries and disease outbreaks; basic pharmacology; anesthetics; intravenous and other drug administration procedures; obstetrics procedures; basic surgical techniques; emergency medical equipment operation and maintenance; special care of patients exposed to heat, cold, radiation, or contagious disease; and administrative aspects of emergency medicine. Programs may include emergency vehicle operation and patient transportation procedures, depending on level of training.

**CPR Certification fee is paid to the Highland treasurer****(Only paid once in fall semester for EMT Basic Cert)****National EMT Exam fee paid to NREMT with application****State EMS Fee paid to BEMS directly with application.****Due early September to avoid late fee.****Intro to Health Science (9 -12) SEMESTER #67929000****Location:** HHS **Graduation Credit:** 0.5 CTEThis 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 education that 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. **Note:** Some schools offer the Introduction to Health Science integrated with general Health, in an entire year course. Lab fee required.**Medical Anatomy & Physiology-(MAP) (10 -12)****Location:** HHS **YEAR #67939000****Graduation Credit:** 1.0 CTE - or - 3rd year science credit

This course is designed for students pursuing medical and health related careers or for those who wish to gain a better understanding of the human body that can be applied to everyday life. The course focuses on human biology and incorporates dissections, labs, and other hands-on activities. Areas of study include basic body chemistry, tissues, anatomy and physiology of all body systems, diseases and medical terminology. Instruction includes intermediate anatomy and physiology, diseases and disorders, and medical ethics. The class is designed to prepare students for a variety of health care programs and future employment in a health care field. Lab fee is required.

**Medical Assisting (12)****DB YEAR #67936200****Location:** CTC Taught Daily DB periods 1-4 or 5-8**Graduation Credit:** 2.0 CTE or 3rd year science creditWould you like to work in a doctor's office or in a clinic? This class covers skills needed to work in a physician's office, medical records management, phlebotomy, telephone triage, minor surgical procedures, injections, billing and coding, IV placement, and many more medical skills are covered in this engaging class. This course prepares students to take the State Board of Education test for Utah Endorsed Medical Assistant Certification. This is a Double Block yearlong course. Students meet daily periods 1-4 or 5-8. **FEE:**\$25.00 paid to treasurer

\$17 CPR Certification Card

\$24 Optional item (to own) Blood Pressure Cuff/Stethoscope—paid to treasurer

**The following are required for students to participate in clinical rotation for certification and paid directly to state agencies:**

• \$30 Two-step TB Test

• \$26 Urine drug screen

• \$51 Hepatitis B Virus Surface Antibody

• \$17 Background check (U of U students only)

• Immunizations and TB testing may be covered under personal insurance or with primary care doctor.

• State Certification Fee: \$75.00

• NCCET (National) MA Certification Fee: \$90.00

**Medical Terminology (9-12) SEMESTER #67630000****Location:** HHS **Graduation Credit:** 0.5 CTE

This course provides students with an in-depth study of medical terminology. It utilizes the Dean Vaughn Program which has been highly effective in teaching students medical terms in a way that can be easily remembered. The course will focus on learning prefixes and suffixes and building words associated with the human body, medicine and healthcare industries. It is designed to prepare students for college medical classes and for employment in the healthcare professions. Lab fee required.

**INFORMATION TECHNOLOGY EDUCATION PATHWAY****3D Graphics & Animation (10-12)****Location:** CTC**YEAR #67419200/ #67419300****Graduation Credit:** 1.0 CTE or Elective

3D animation/graphics students learn the processes of computer generated imaging. These skills are used in video game design and specials effects in films. 3D Animation put the characters and objects produced in to motion. A history of animation is also included. Career opportunities in 3D graphics and animation include entertainment (gaming/movies) health sciences, and architecture, aerospace, advertising.

**3-D Graphics & Animation Advanced (10-12)****Location:** CTC**YEAR #67419220/ #67419320****Graduation Credit:** 1.0 CTE or Elective

A continuation of 3D Graphics/Animation where students will put advanced graphic and animation techniques into practical application. Character development, bi-pedal work and background art are stressed.

**Computer Programming IA & B (9-12) YEAR #65274000****Location:** CTC **Graduation Credit:** 1.0 CTE/Elective**Skill Test: #820 Computer Programming IA (January)** Introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce concepts and problem solving skills to beginning students through a programming language such as Delphi, C++, C#, Java, Python, or VB. **#824 Computer Programming IB (May)** is an intermediate class in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in Computer Programming IA. Introduces students to more complex data structures and their uses, including sequential files, arrays, and classes. Students will learn to create more powerful programs. The skills test covers skills learned in Computer Programming IA & IB (Java)**Computer Programming II****YEAR #65278000****Graduation Credit:** 1.0 CTE/Elective **Location:** CTC**Skill Test: #835 Computer Programming II (Java)**

This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in CP IA/B. It introduces students to dynamic allocation of data, advanced utilization of classes, GUI techniques, and applications of recursion through mathematical concepts.

**Computer Systems 1 & 2 (9-12)****YEAR #67291000****Location:** CTC **Graduation Credit:** 1.0 CTE/Elective

A+ Certification is a testing program sponsored by CompTIA that certifies the competency of entry-level (6 months experience) service technicians in the computer industry. Anyone who wants an internationally-recognized credential as a competent entry-level (6 months experience) computer service professional can take the A+ examination. The program is supported by major computer hardware and software vendors, distributors, resellers and publications. Earning A+ certification means that the individual possesses the knowledge, skills, and customer relations skills essential for a successful entry-level (6 months experience) computer service technician, as defined by experts from companies across the industry.

**Digital Media IA/IB (10-12)****SEMESTER #67197200****Location:** HHS **Graduation Credit:** 1.0 CTE

See it, hear it and experience "digital media" while exploring new computer software. Design your own 2D and 3D graphics, animation, digital sound, digital video and photography as well as interactive media "APPS". You will be surprised at the number of industries that need digital media skills and talents.

**Gaming Development (9-12)****SEMESTER #65264000****Location:** CTC **Graduation Credit:** 0.5 CTE

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

**Mobile Development (9-12)****SEMESTER #65265000****Location:** CTC **Graduation Credit:** 0.5 CTE

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

**Network Fundamentals (10-12)****YEAR #67292000****Location:** CTC **Graduation Credit:** 1.0 CTE

Network+ is a testing program by the Computing Technology Industry Association (CompTIA) that certifies the knowledge of networking technicians with 18-24 months experience in the IT industry. Earning the Network+ certification means that the candidate possesses the knowledge needed to configure and install the TCP/IP client. This exam covers a wide range of vendor and product neutral networking technologies.

**Exploring Computer Science (ECS) (9-12)****SEMESTER #65261800****Graduation Credit:** 0.5 Digital Studies, CTE - or - ElectiveThis course aims to attract a broader range of students into the field of computer science—leading to future opportunities for high-paying jobs in fields that have a growing need for qualified applicants. This is an introductory course for students without much computer science experience. (i.e. students who learned coding in middle school or have gained coding skills in other ways, should choose a more-advanced class to meet this graduation requirement. **ECS has three strands:** Interacting with Computers; Problem-solving and Introduction to Programming (using Scratch). Students become members of a "computing community of practice" as they are introduced to the behavior, language and skills or computer scientists. Lab fee required.**Web Development 1 A (9-12)****SEMESTER #NEW****Graduation Credit:** 0.50 CTE/Elective

This course focuses on up-to-date concepts and skills that are used in the development of today's websites. Students will learn fundamentals of how the Internet works and basic building blocks for the World Wide Web, including HTML and Cascading Style Sheets (CSS). The will complete projects. Lab fee required.

**Cyber Forensics****SEMESTER #67290100****Graduation Credit:** 0.5 Credits **Location:** CTC

Computer hacking forensic investigation is the process of detecting hacking attacks and properly extracting evidence to report the crime and conduct audits to prevent future attacks.

**Cyber Security (Defense)****SEMESTER #67290000****Graduation Credit:** 0.5 Credits **Location:** CTC

This course will provide a comprehensive view of Cybersecurity across an organization. You will learn how to use feature of modern operating systems to enhance an organization's security, understand inherent weaknesses in wireless and wired networks, and be better equipped to protect your employer's and own information. As a prerequisite to advanced topics of ethical hacking, incident response and digital forensics, you will also learn about Cybersecurity career paths and how to further develop your skills in these areas.

**MARKETING EDUCATION PATHWAY****Entrepreneurship (10-12)****SEM #67227500****Location:** HHS **Graduation Credit:** 0.5 CTE

This course helps students gain an understanding of the business/marketing principles necessary to start and operate a business. Students will learn basic economic principles related to business ownership. They will identify and assess common traits and skills found in entrepreneurs, explore business opportunities, and compare the risks and rewards of owning a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, determining feasibility of an idea utilizing research, developing a plan to organize and promote the business and its products/services, and finally, to understand the capital required, the return on investment desired, and the potential for profit.

**Marketing I (10-12)****SEMESTER #65221300****Location:** HHS **Graduation Credit:** 0.5 CTE

Marketing 1 is the foundation for all marketing courses. Students will learn basic principles that lead to careers in marketing, finance, hospitality, and management. Students will be introduced to the world of marketing including the free enterprise system. The seven core functions of marketing will be examined: Marketing Planning, Marketing-Information Management, Pricing, Product/Service Management, Promotion, Channel Management, and Selling. A central focus throughout the course will be the development of soft skills including teamwork, oral communication, written communication, decision-making, and emotional intelligence. Students should have the opportunity to participate in DECA, a student organization that prepares emerging leaders and entrepreneurs.

**SKILLED & TECHNICAL PATHWAYS COMMUNICATIONS****Digital Audio I (9-12)****YEAR #67270400****Location:** HHS **Graduation Credit:** 1.0 CTE

This course focuses on the exciting field of the digital audio world. Selecting sources for programming, expressing creativity through media selection and creating quality broadcasts.

**Television Broadcasting I (9-12) SEMESTER #67272200****Location:** HHS **Graduation Credit:** 0.5 CTE

Experience a wide range of creativity utilizing skills in Technical areas of camera operation, audio recording, lighting systems, production, studio operations, control room operations, visual effects, graphic design, and copyright laws. Lab fee required.

**Television Broadcasting II-HTVS (10-12)****Location:** HHS**YEAR #67272400****Graduation Credit:** 1.0 CTE

Express your creativity as you develop and produce live television news shows. Building on skills gained from Television Broadcasting I, you will be involved in a workplace-like environment as you bring the news to the school through HTVS. Additional instruction in news production coupled with classroom experience makes this the gateway class to the industry. Lab fee required. APPLICATION REQUIRED see Jenny Hardy for info.

**Video Production I (9-12)****SEMESTER #67270300****Location:** HHS **Graduation Credit:** 0.5 CTE or Fine Arts

Take this class and learn all aspects of project development, pre-production, production, and post-production with hands on assignments including the use of cameras and professional editing software to create your very own video projects. Lab fee required.

**Video Production II (10-12)****YEAR #67270700****Location:** HHS**Graduation Credit:** 1.0 CTE or Fine Arts

Further express your creativity as you build upon skills gained from Video Production I. Delve more deeply into the areas of camera operation, audio, lighting systems, project development, pre-production, production, post-production, visual effects, graphics, and copyright laws. Students will be studying the work of accomplished filmmakers as well as producing several original projects. Lab fee required.

**MECHANICS AND REPAIRS****Small Engine Repair (9 -12)****SEMESTER #67246020****Location:** HHS **Graduation Credit:** 0.5 CTE

A hands-on experience that demonstrates mechanical concepts and procedures, preparing students to diagnose, troubleshoot, tune-up, repair, disassemble and reassemble small internal combustion engines used on motorcycles, scooters, ATV's, go-carts, mopeds, lawnmowers, leaf blowers, weed trimmers, chainsaws and more. Lab fee required.

**Auto 1 Introduction (10 -12)****YEAR #67230500****Location:** HHS **Graduation Credit:** 1.0 CTE

This course prepares students to maintain and service all types of automobiles in a rapidly changing industry. Instruction focuses on shop safety, basic technical skills, and a full systems approach to maintaining modern automobiles and preparation for higher-level auto classes, entry-level employment, and further educational goals. Learn and navigate through the basic systems of the automobile. Emphasis in the following areas: Safety and MDS, tools and equipment, tires, suspension, steering, brakes and hydraulic systems, electrical systems, and engine and drive train. Lab fee required.

**Auto 2 Brake Suspension (10-12)****YEAR #67793000****Location:** HHS**Graduation Credit:** 0.5 & 0.5 CTE or Elective

This course prepares students to maintain and service the steering and suspension systems on all types of automobiles. Analyze, diagnose, maintain, and repair basic steering and suspension malfunctions and components. Lab work is based on the NATEF task list. Employability and work habits are emphasized. Students will prepare for ASE certification, entry-level employment, and further education. This is a semester course in combination with ASE Brakes (Auto 2). Lab fee required. Describe, Reinforce and Review the areas covered in Intro to Automotive.

**Auto 3 Electrical (11-12)** YEAR # 67795000  
**Credit:** 1.0 CTE **Location:** HHS

This course prepares students to analyze, diagnose, maintain, and repair electrical systems on modern automobiles using advanced diagnostic and repair equipment. Employability and work habits are emphasized as students are introduced to industry practices through field studies, internships, and SkillsUSA. Students will prepare for ASE certification, entry-level employment, and post-secondary education. Classroom and lab activities are based on the NATEF task list. This is a full year course in combination with ASE Engine Performance. Learn the importance of deadlines and how to meet them.

Project Based Learning-Vehicle Projects (Group Model)

- Reinforce Task lists
- Develop Leadership and Communication Skills
- Demonstrate valuable Employment Skills/Work Ethics
- Learn Goal Setting

**COLLISION REPAIR 1 (9-12)** YEAR #67235300  
**Graduation credit:** 1.0 CTE

**Fall and Spring Semester Location:** East High School

This is a course that prepares individuals to repair automotive, uni-bodies, fenders, and frames of automobiles. Instruction includes training in non-structural and structural repairs. Work ethics and productivity are an integral part of the classroom and laboratory activities of this program.

This course is offered during 7/8 period only for Highland, West and Innovation students. East students during 5/6 period. This is a Tech Center course taught at East High.

FEE: \$25 per semester plus individual projects

**BASIC COLLISION REP (10-12) ADVANCED** YEAR #67234700

**Graduation credit:** 1.0 CTE **Location:** East High School

This is a course that prepares individuals to repair automotive, uni-bodies, fenders, and frames of automobiles. Instruction includes training in refinishing and painting. Work ethics and productivity are an integral part of the classroom and laboratory activities of this program. This is a Tech Center course taught at East High. FEE: \$25 semester plus individual projects.

## PERSONAL SERVICES

**BARBERING I (11-12)** YEAR #67140000  
**Graduation credit:** 1.0 CTE **Location:** CTC

This course is designed to teach students basic barbering techniques and principles in both theory and practical work. Students will learn basic women's and men's haircutting techniques, styling, shaving, and small business practices.

FEE: \$25.00 paid to treasurer  
Barbering Kit to own (optional)  
includes basic items: \$40-70

**BARBERING II (11-12)** YEAR #67142000  
**Graduation Credit:** 1.0 CTE **Location:** CTC

Is a continuation course & students must complete Barbering 1 with 75% or higher skills passed off. Student will be taught through daily lecture/theory work, practical experience, creative demonstrations & possible field trips.

FEE: \$25.00 paid to treasurer  
Barbering Kit to own (optional)  
includes basic items: \$40-70

**NAIL TECHNICIAN 1 (10-12)** YEAR # 67180200  
**Graduation credit:** 1.0 CTE **Location:** CTC

Nail Technology is one of the fastest growing, most creative, rewarding and high paying professions in cosmetology today. An extensive study of the art, science, hygiene and personal service on the manicure, and nail enhancements business. Students will design, sculpt, and apply variations of nail enhancements. Salon business management, professional job skills, and life skills will also be a part of this course. Students will be responsible for supplies related to this course. Nail Tech Kit to own (optional) includes basic items: \$40 FEE: \$25.00 paid to treasurer

**NAIL TECHNICIAN 2 (11-12)** YEAR # 67178260  
**Credit for Graduation:** 1.0 CTE **Location:** CTC

A continuation or Nail Tech A with enhanced training in all areas including an extensive study of the art, science, hygiene, and personal service on the manicure and nail enhancements business. Students will design, sculpt, and apply variations of nail enhancements. Salon business management, professional job skills, and life skills will also be a part of this course. A combination of these 2 courses (Nail Tech A & B) will provide 50 hours of the 300 hours required towards your state licensure. FEE: \$25.00 paid to treasurer. Nail Tech Kit to own (optional) includes basic items: \$40

## PRECISION PRODUCTION TRADES WELDING

**Welding-Entry Level (10-12)** YEAR #67249200  
**Location:** HHS for CTC **Graduation Credit:** 1.0 CTE

Students will learn basic welding skills in gas metal arc welding, shielded metal arc welding and oxy-fuel cutting that will prepare them to apply technical knowledge and skill in the workplace. Students will learn and practice knowledge, attitude, skills and habits required for performing job tasks safely and efficiently. This is a Tech Center course taught at Highland.

**Welding -Intrmdt Level (11-12)** YEAR#67249300  
**Location:** HHS for CTC **Graduation Credit:** 1.0 CTE

Students will learn intermediate welding skills in flux cored arc welding, gas tungsten arc welding, air carbon arc welding and plasma cutting that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills and habits required for performing tasks, including the selection and use of appropriate techniques and equipment with minimum supervision. This is a Tech Center course taught at Highland.

**Welding Advanced Level (11-12)** YEAR #67249440  
**Location:** HHS for CTC **Graduation Credit:** 1.0 CTE

Students will learn more advanced skills in, GMAW, SMAW, FCAW, GTAW, CAC-A, oxy-fuel cutting and robotic plasma cutting processes that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills and habits required to perform tasks, including the selection and use of appropriate techniques and equipment with minimum supervision. This is a Tech Center course taught at Highland.

## WOODWORKING

**WOODS I (9-12)** YEAR #67281100 **Location:** HHS **Graduation Credit:** 1.0 CTE **Level 1 course**

This course prepares students to develop the technical knowledge and skills necessary to create and design, measure and layout a wood project from a scale drawing using a bill of materials/plan of procedure, mill and assemble projects, sand and apply finish, and install hardware to complete a wood project. This course also stresses the safe operation of a variety of hand tools, power tools and machinery used by the professionals in the woodworking industry. This course continues for the entire year, with students finishing/ completing more complex wood projects. Students must have completed woodworking I to continue into second semester of woodworking II. Lab fee required.

**WOODS II (11-12)** YEAR #67289100  
**Location:** HHS **Graduation Credit:** 1.0 CTE

This instructional course prepares students to utilize the technical knowledge and skills developed in Cabinetmaking to design, construct and finish furniture projects. Students will be using more elaborate woodworking techniques and wood components in the assembly and repair of cabinets and furniture. This course also stresses the safe use of hand tools, power tools and machinery used by the professionals in the woodworking industry. Lab fee required.

**WOODS III (10-12)** YEAR #67284900 **Location:** HHS **Graduation Credit:** 1.0 CTE

This course prepares individuals to apply technical knowledge and skills to set up and operate industrial woodworking machinery and to use such machinery to design and fabricate custom cabinets and architectural millwork. It stresses the safe use of trade hand and power tools and machinery used in the production of millwork items. Cabinets, such as kitchen and vanities are constructed, finished, and installed as part of this program. Lab fee required.

## PROTECTIVE SERVICES

**Emergency Careers FS (9-12)** SEMESTER #67942150  
**Location:** CTC **Graduation Credit:** 0.5 CTE

This is course prepare individuals with knowledge of skills used within firefighting. This course is a general introduction to career possibilities within emergency services. It includes instruction in how to get started in an emergency career, creating and delivering public presentations, healthy living, communication skills, CPR certification, and CERT (Community Emergency Response Team) completion.

**Forensic Science I (10-12)** YEAR #67914000  
**Location:** CTC **Graduation Credit:** 1.0 CTE

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

**Forensic Science II (10-12)** SEMESTER #67914040  
**Location:** CTC **Graduation Credit:** 0.5 CTE

This course is the second in the series of 2. Advanced practices are learned in the importance of locating, collection and preservation of physical evidence at crime scenes. Included are crime laboratory techniques and services in examination of evidence.

**Law Enforcement (9-12)** SEMESTER #63232000  
**Location:** CTC **Graduation Credit:** 0.5 CTE / Soc.Stu. Elective

This course prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, evidence collection and management, court procedures, and the law in general. Basic crime prevention methods, weapon and equipment operation, equipment maintenance, and other routine law enforcement responsibilities are also included.

**Law Enforcement Concurrent Enrollment (11-12)**  
**Location:** CTC SEMESTER #63624000

**Graduation Credit:** 0.5 CTE, 3 hours college credit  
This concurrent course offers both high school and college credit. Students will learn to identify the police role in society, the causes of crime, the laws of arrest and search and seizure, correct procedures for handling evidence, and career opportunities in the law enforcement fields. This course follows the SLCC curriculum. A one-time \$40 application fee and \$5 per credit hour tuition paid directly to the college, will apply for students taking this course for SLCC for college credit.

## VISUAL ARTS

### COMMERCIAL PHOTOGRAPHY

**Commercial Photography 1 (9-12)** **Location:** HHS  
**Graduation Credit:** 0.50 CTE or Fine Arts SEM #66223800

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. Lab fee is required.

**Commercial Photography 2 (10-12)** **Location:** HHS  
**SEMESTER #66224630** **Graduation Credit:** 0.50 CTE/FA

Digital photography is designed to develop in students a lifelong love of photography through learning the technical expertise to enable them to produce art-quality work. Students will learn about cameras, printers, and Adobe Photoshop editing and presentation software. They will be given opportunities to present their photographs in gallery settings and on the web. Career opportunities in photography will also be explored. Lab fee required.

**Commercial Photography 2 (11-12)** YEAR #66224620  
**Graduation Credit:** 1.0 CTE or Fine Arts **Location:** HHS

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. Lab fee required.

### GRAPHIC COMMUNICATIONS

**Graphic Communications (10-12)** YEAR #67420210  
**Graduation Credit:** 1.0 CTE or Fine Arts **Location:** East HS

Learn to create, produce and reproduce visual graphics that communicate to an audience. Print various projects including T-shirt, notepads, and stickers. Develop the same design, image manipulation, and printing technologies as professional designers. Instruction includes the use of industry standard graphics software with the Adobe Creative Suite. Labs are equipped with the latest iMac Intel-based computers with support scanners, black and white and color printers.

**Course Highlights:**

- Visualize, design, and produce T-shirts, notepads, and stickers.
- Apply effective principles and techniques to project designs.
- Use the same design, image manipulation, and printing technologies as professional designers. \$25.00 Fee

### VISUAL DESIGN AND COMMERCIAL ART

**Commercial Art 1 (9-12)** YEAR #67421200  
**Location:** HHS **Graduation Credit:** 1.0 CTE or Fine Arts

Create unique artwork using the principles and elements of design. Learn traditional, digital and cutting-edge art techniques. Discover various careers from professional artists. Students will explore Photoshop, Illustrator, printmaking, vinyl cutting for stickers, poster design and more. Develop a personal portfolio for immediate employment or higher education. A lab fee required.

**Commercial Art 2 (10-12)** YEAR #67423020  
**Location:** HHS **Graduation Credit:** 1.0 CTE or Fine Arts

Create unique artwork using the principles and elements of design. Learn traditional, digital and cutting-edge art techniques. Discover various careers from professional artists. Students will explore painting, drawing, airbrush illustration, cartooning, Photo-shop, and other computer software. Develop a personal portfolio for immediate employment or higher education. Lab fee required.

**Commercial Art 3 (11-12)** YEAR #67420410  
**Location:** HHS

**Graduation Credit:** 1.0 CTE or Fine Arts

Create art using artistic techniques reflecting professional standards. Communicate your personal vision and develop exciting projects that prepare you for the world of Industrial Design. Explore the various careers in coordination with working professionals. Complete a series of designs and products that demonstrate your mastery of techniques, strategies and concepts. Assemble a portfolio for immediate employment or higher education opportunities. Lab fee required.

## TECHNOLOGY & ENGINEERING EDUCATION PATHWAY

**Physics with Technology (10-12)** YEAR #67947020  
**Location:** HHS **Graduation Credit:** 1.0 Science or CTE

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

## WORK-BASED LEARNING EDUCATION

**CTE Internship (11-12)** SEMESTER #67342000  
**Location:** HHS and Internship site

**Graduation Credit:** 0.5 Elective, *can't take more than 1 Sem.*

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-class 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 classes that support the internship. This course gives you a competitive edge when you graduate from high school. The experience gained in this class can be added to job, college, and scholarship applications. The class will also give you a better idea of what careers you want to pursue after graduation. This class helps you complete a CTE Pathway. Talk to your counselor about registering for CTE Internship class today.

**Work Credit/Release (11-12)** SEMESTER #69247000  
**Graduation Credit:** up to 2 Elective credits max.

**Location:** Student's job site

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 class related to their WBL experience in order to participate. Must fill out application papers with CTE Coordinator.

## TEACHER EDUCATION

**Orientation to Education (11-12) YEAR**  
**#67348000/67342700**

**Concurrent Enrollment Location:** CTC

**Graduation Credit:** 0.5 Elective + college credit

This semester course explores the teaching profession and helps students prepare for a career as a classroom teacher. Students will research and discuss historical perspectives, philosophies, social and legal issues, student diversity, professionalism, availability of teaching positions, and school governance. This course is a preparation course for acceptance into a teacher education program. **FEE:** One time concurrent online application fee \$40.00 paid to SLCC, if already a CE student then share SLCC student number with teacher to register for EDU 1010 course. Partial tuition of \$5 per credit hour, 3 credits/\$15 paid to SLCC.

**Teacher Internship** SEMESTER #67347000  
**Location:** Varies, depending on internship site placement

**Graduation Credit:** 0.50 Elective

The Teacher Internship program is a culminating class for students who are concentrating in a specific Career Pathway. Students' courses will be evaluated to ensure pathway completion is met. The program emphasizes basic job skills, self-awareness, and student potential towards success in today's work environment. Students do a 65 hour internship (at school sites off-campus) in desired area. Students are at work-site during period assigned, check-in weekly with Education teacher or WBL Advisor.

**Naval Science 1 #68281000**  
**Location:** WHS

**Naval Science 2 #68284000**  
**Location:** WHS

*The beautiful thing about  
learning is nobody can take  
it away from you.*

*—B. B. King*



## IB PROGRAM COURSES

The following courses are for students who have been accepted into the IB program at Highland. Please see your counselor for more information.

**IB Mathematics SL 1 (11)** YEAR #61570000  
**IB Mathematics SL 2 (12)** YEAR #61570200  
**Graduation Credit:** 1.0 Math

This course is available at SL only. It caters to students with varied backgrounds and abilities. More specifically, it is designed to build confidence and encourage an appreciation for mathematics. The IB mathematics standard level (SL) course focuses on introducing important mathematical concepts through the development of mathematical techniques. The intention is to introduce students to these concepts in a comprehensible and coherent way. Students should whenever possible, apply the mathematical knowledge that have acquired to solve realistic problems in an appropriate context. A graphing calculator (TI-83, 83+, 84, 84+ or TIInspire CX preferred) is required for this course.

**IB English HL 1 (11)** YEAR #60593000  
**IB English HL 2 (12)** YEAR #60593010  
**Graduation Credit:** 1.0 Language Arts

IB English is designed for students who are interested in pursuing a rigorous and rewarding study of world and contemporary literature, oral communication, and analytical writing. Students will study several authors in depth and will read literary works from a variety of cultures, countries, genres, and time periods. The emphasis is on world authors read in a historical context, and the writing component.

**IB Biology HL 1 (11)** YEAR #62514400  
**IB Biology HL 2 (12)** YEAR #62514410  
**Graduation Credit:** 1.0 Science

This is a higher level course which provides in-depth coverage of the biological concepts taught in first year university biology courses, preparing students for the IB exam.

**IB Chemistry SL 2 (11/12)** YEAR #62522020  
**Graduation Credit:** 1.0 Science

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 IB chemistry exam. The University of Utah laboratory course is strongly recommended.

**IB History of the Americas HL 1 (11)** YEAR #63063800  
**IB History of the Americas HL 2 (12)** YEAR #63063810  
**Graduation Credit:** 1.0 US History/ US Gov.

This course will seek to develop inquiring, knowledgeable an caring young people who help to create a better and more peaceful world through inter-cultural understanding. This course focuses on History of the Americas (11th Grade) and 20th Century World History Topics (12th grade).

**IB Theory of Knowledge SL 1 (11)** SEM 2 #63808000  
**IB Theory of Knowledge SL 2 (11/12)** SEM 2 #63808010  
**Graduation Credit:** 0.5 IB Diploma

Theory of Knowledge (TOK) is central to the IB curriculum. Concepts developed in TOK are meant to aid students in their various classes, as well as in a global society. Questions are the essence of TOK, both ageless questions on which thinkers have been reflecting for centuries, as well as questions derived from modern challenges and ideals. Students will begin the course the second semester (beginning of third quarter) junior year and finish at the end of first semester (end of second quarter) of senior year.

**IB French SL 1 (11)** YEAR #64217200  
**IB French SL 2 (11/12)** YEAR #64217220  
**Graduation Credit:** 1.0 Elective

This is an advanced and highly demanding course. Emphasis is placed on the students' degree of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, as well as oral and written discourse. To best facilitate the study of language and culture, communication is primarily in French.

**IB Spanish SL 1 (11)** YEAR #64513200  
**IB Spanish SL 2 (11/12)** YEAR #64513220  
**Graduation Credit:** 1.0 Elective

This is an advanced and highly demanding course. Emphasis is placed on the students' degree of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, as well as oral and written discourse. To best facilitate the study of language and culture, communication is primarily in Spanish.

**IB German SL 1 (11)** YEAR #64217200  
**IB German SL 2 (11/12)** YEAR #64217220  
**Graduation Credit:** 1.0 Elective

This is an advanced and highly demanding course. Emphasis is placed on the students' degree of proficiency in comprehension, fluency, grammatical structure, syntactical and production patterns, as well as oral and written discourse. To best facilitate the study of language and culture, communication is primarily in German.

**IB Music Theory SL 2 (11/12)** YEAR #66547020  
**Graduation Credit:** 1.0 Fine Arts

This IB Music class is for advanced instrumental and vocal music students. This class will prepare students to take the International Baccalaureate exam. The class will focus on the following areas: 1. Study of two prescribed works; 2. Investigating musical links; 3. Performance; and 4. Theory and composition.

**IB Visual Art**  
**SL 2 (11/12)** YEAR # 66532020  
**HL 1 (11)** YEAR # 66532200  
**HL 2 (12)** YEAR # 66532220  
**Graduation Credit:** 1.0 Fine Arts

This is a professional and college level prep class. Students will work on exploration, skill development, and a high level completion of the Research Workbook. The emphasis is on the individual workbook and final exhibition. This class will take a lot of time, passion and energy. Lab fees required.

**IB Film Making SL 2** YEAR #66102800

Through the study and analysis of film texts and exercises in film-making, the course explores film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures.

## ENGLISH LANGUAGE DEVELOPMENT

### Language Arts 9 ESL

**Language Arts 9 ESL I** YEAR #60804000  
**Graduation Credit:** 1.0 Language Arts 9 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 9 ESL II** YEAR #60805000  
**Graduation Credit:** 1.0 Language Arts 9 for ELL students

This course is designed to help students who are second year language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

#### Required classes for all ELL Students levels 1-4

English Language Development 1 YEAR #60859100  
English Language Development 2 YEAR #60859200  
English Language Development 3 YEAR #60859300  
English Language Development 4 YEAR #60859400

**Graduation Credit:** 1.0 ELL students

This course is designed to help students who are beginning second language learners work to improve their communication interaction which includes: reading skills, the writing process, literature and non-fiction reading and analysis, listening, speaking, and presentation techniques. Our students work to learn and use reading and writing comprehension strategies, particularly as they apply to content areas.

### Language Arts 10 ESL

**Language Arts 10 ESL I** YEAR #60815000  
**Graduation Credit:** 1.0 Language Arts 10 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 10 ESL II** YEAR #60816000  
**Graduation Credit:** 1.0 Language Arts 10 for ELL students

This course is designed to help students who are second year language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

#### Required classes for all ELL Students levels 1-4

English Language Development 1 YEAR #60859100  
English Language Development 2 YEAR #60859200  
English Language Development 3 YEAR #60859300  
English Language Development 4 YEAR #60859400

**Graduation Credit:** 1.0 ELL students

This course is designed to help students who are beginning second language learners work to improve their communication interaction which includes: reading skills, the writing process, literature and non-fiction reading and analysis, listening, speaking, and presentation techniques. Our students work to learn and use reading and writing comprehension strategies, particularly as they apply to content areas.

### Language Arts 11 ESL

**Language Arts 11 ESL I** YEAR #60828000  
**Graduation Credit:** 1.0 Language Arts 11 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 11 ESL II** YEAR #60829000  
**Graduation Credit:** 1.0 Language Arts 11 for ELL students

This course is designed to help students who are second year language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

#### Required classes for all ELL Students levels 1-4

English Language Development 1 YEAR #60859100  
English Language Development 2 YEAR #60859200  
English Language Development 3 YEAR #60859300  
English Language Development 4 YEAR #60859400

**Graduation Credit:** 1.0 ELL students

This course is designed to help students who are beginning second language learners work to improve their communication interaction which includes: reading skills, the writing process, literature and non-fiction reading and analysis, listening, speaking, and presentation techniques. Our students work to learn and use reading and writing comprehension strategies, particularly as they apply to content areas.

### Language Arts 12 ESL

**Language Arts 12 ESL I** YEAR #60840000  
**Graduation Credit:** 1.0 Language Arts 12 for ELL students

This course is designed to help students who are beginning second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

**Language Arts 12 ESL II** YEAR #60841000  
**Graduation Credit:** 1.0 Language Arts 12 for ELL students

This course is designed to help students who are year second language learners, become independent and successful in learning English, thinking critically, and gaining skills which will ensure their academic success. We will concentrate on the four language learning areas: reading, listening, speaking, and writing.

#### Required classes for all ELL Students levels 1-4

English Language Development 1 YEAR #60859100  
English Language Development 2 YEAR #60859200  
English Language Development 3 YEAR #60859300  
English Language Development 4 YEAR #60859400

**Graduation Credit:** 1.0 ELL students

This course is designed to help students who are beginning second language learners work to improve their communication interaction which includes: reading skills, the writing process, literature and non-fiction reading and analysis, listening, speaking, and presentation techniques. Our students work to learn and use reading and writing comprehension strategies, particularly as they apply to content areas.

**ELL Supervised Study for ELL Level 3 Tutors (Supervised Study)** SEM #69263000  
**Graduation Credit:** 0.5 Elective Credit ELL students

This course is designed to help students who are second language learners work to improve their study and school success skills. They will be under the direction of a teacher who will monitor grades and teach additional skills.

**One College Prep (12)** YEAR #69510050

**Graduation Credit:** 1.0 Elective Credit

One College Prep aims to help students with refugee backgrounds who could be ready for college upon high school graduation, but who likely will not without additional support. They are students who score in the high three through five range on the WIDA. All students in One College Prep need to have refugee or asylee status, or parents who have said status, within the United States to be eligible.

## HIGHLAND HIGH SCHOOL

**VISIT:** 2166 South 1700 East, Salt Lake City, UT 84106

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