

SALT LAKE CITY SCHOOL DISTRICT

MISSION STATEMENT

The Salt Lake City School District, as a catalyst for creating a new standard of educational excellence, will ensure high levels of student learning and performance in all schools and will prepare all students to pursue and celebrate lives of continuous learning and service in a diverse, global society.

HIGHLAND HIGH SCHOOL

Why Does Highland Exist?

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 exists as an affirmation that student success is the only option.

NON-DISCRIMINATION STATEMENT AND PUBLIC NOTIFICATION OF TITLE IX GRIEVANCE PROCEDURE

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

AMERICANS WITH DISABILITIES ACT

Individuals needing special accommodations should contact Scott Richard Nelson at 484-4343

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SALT LAKE DISTRICT GRADUATION REQUIREMENTS
Class of 2012
HIGHLAND HIGH SCHOOL

<u>Subject Area</u>	<u>Credit Required</u>	
Language Arts/English	4.0	One of the following may be substituted for the 4 th Language Arts credit if taken during the 12 th grade year: Advance Creative Writing, World (Foreign) Language (Level 3 or above), Advance Debate
Social Studies	3.0	Must complete all of the following: Geography for Life 0.5 (recommended for 9 th grade) World Civilizations 0.5 U.S. History 1.0 U.S. Gov. & Cit. 0.5 Social Studies elective class 0.5
Mathematics	3.0	Minimally, Algebra A & B and Geometry, or any Advanced Math courses in sequence beyond Geometry
Science	3.0	Units of credit from two of the four science areas: Earth Systems 1.0 (recommended for 9 th grade) Biological Science 1.0 Chemistry 1.0 Physics 1.0
Fine Arts	1.5	From any of the Art Courses
Career & Technical Education	1.0	From any of the following: Business & Info. Tech Career Internship Engineering Family & Consumer Science Health Science Marketing Trade and Industry Work Base Learning Career & Technical Center – Off Campus
Computer Technology	0.5	Required
Financial Literacy	0.5	Required
Health	0.5	Required
Physical Education	1.5	Must complete all of the following: Participation skills & fitness 1.0 Lifetime activities 0.5, (Body Conditioning, Aerobics & Body Conditioning, Dance, Weight Training)
Electives	5.5	From any of the elective courses
Total Credits Required	24.0	
Utah Basic Skills Competency Test (UBSCT)		Must pass all 3 tests by time of graduation (Reading, Writing, Math)

SALT LAKE DISTRICT GRADUATION REQUIREMENTS
Class of 2011
HIGHLAND HIGH SCHOOL

<u>Subject Area</u>	<u>Credit Required</u>	
Language Arts/English	4.0	One of the following may be substituted for the 4 th Language Arts credit if taken during the 12 th grade year: Advance Creative Writing, World (Foreign) Language (Level 3 or above), Advance Debate
Social Studies	3.0	Must complete all of the following: Geography for Life 0.5 (recommended for 9 th grade) World Civilizations 0.5 U.S. History 1.0 U.S. Gov. & Cit. 0.5 Social Studies elective class 0.5
Mathematics	3.0	Minimally, Algebra A & B and Geometry, or any Advanced Math courses in sequence beyond Geometry
Science	3.0	Units of credit from two of the four science areas: Earth Systems 1.0 (recommended for 9 th grade) Biological Science 1.0 Chemistry 1.0 Physics 1.0
Fine Arts	1.5	From any of the Art Courses
Career & Technical Education	1.0	From any of the following: Business & Info. Tech Career Internship Engineering Family & Consumer Science Health Science Marketing Trade and Industry Work Base Learning Career & Technical Center – Off Campus
Computer Technology	0.5	Required
Financial Literacy	0.5	Required
Health	0.5	Required
Physical Education	1.5	Must complete all of the following: Participation skills & fitness 1.0 Lifetime activities 0.5, (Body Conditioning, Aerobics & Body Conditioning, Dance, Weight Training)
Electives	5.5	From any of the elective courses
Total Credits Required	24.0	
Utah Basic Skills Competency Test (UBSCT)		Must pass all 3 tests by time of graduation (Reading, Writing, Math)

SALT LAKE DISTRICT GRADUATION REQUIREMENTS
Class of 2010
HIGHLAND HIGH SCHOOL

<u>Subject Area</u>	<u>Credit Required</u>	
Language Arts/English	4.0	One of the following may be substituted for the 4 th Language Arts credit if taken during the 12 th grade year: Advance Creative Writing, World (Foreign) Language (Level 3 or above), Advance Debate
Social Studies	3.0	Must complete all of the following: Geography for Life 0.5 (recommended for 9 th grade) World Civilizations 0.5 U.S. History 1.0 U.S. Gov. & Cit. 0.5 Social Studies elective class 0.5
Mathematics	2.0	Minimally, Elementary Algebra or Geometry, or any Advanced Math courses in sequence beyond Geometry
Science	2.0	Units of credit from two of the four science areas: Earth Systems 1.0 (recommended for 9 th grade) Biological Science 1.0 Chemistry 1.0 Physics 1.0
Fine Arts	1.5	From any of the Art Courses
Career & Technical Education	1.0	From any of the following: Business & Info. Tech Career Internship Engineering Family & Consumer Science Health Science Marketing Trade and Industry Work Base Learning Career & Technical Center – Off Campus
Computer Technology	0.5	Required
Financial Literacy	0.5	Required
Health	0.5	Required
Physical Education	1.5	Must complete all of the following: Participation skills & fitness 1.0 Lifetime activities 0.5, (Body Conditioning, Aerobics & Body Conditioning, Dance, Weight Training)
Electives	7.5	From any of the elective courses
Total Credits Required	24.0	
Utah Basic Skills Competency Test (UBSCT)		Must pass all 3 tests by time of graduation (Reading, Writing, Math)

SUBJECT TO CHANGE PENDING STATE BOARD & PERFORMANCE PLUS INFORMATION

HIGHLAND HIGH SCHOOL HONORS DIPLOMA REQUIREMENTS

Revised 05/04/2004

The major goal of the Honors Diploma is to provide the motivated student with a broad-based education, achieved by a greater diversity of courses than is normally required for the standard diploma.

Course Requirements

1. Honors Course Requirements

<u>Subject Area</u>	<u>Credit Required</u>	<u>Credit Required</u>
Language Arts/English	4.0	One of the following may be substituted for the 4 th Language Arts credit if taken during the 12 th grade year: Advance Creative Writing, World (Foreign) Language (Level 3 or above), or Advance Debate.
Social Studies	3.0	Must complete all of the following: Geography for Life 0.5 (recommended for 9 th grade) World Civilizations 0.5 U.S. History 1.0 U.S. Gov. & Cit. 0.5 Social Studies elective class 0.5
Mathematics	3.0	Minimally, Elementary Algebra, Geometry or Any Advanced Math courses in sequence beyond Elem Algebra High School math credit may not be earned for courses below Elementary Algebra
Science	3.0	Units of credit from two of the four science areas: Earth Systems 1.0 (recommended for 9 th grade) Biological Science 1.0 Chemistry 1.0 Physics 1.0 Plus one Science elective credit
Fine Arts	2.0	From any of the following: Visual arts Music Dance Theatre
World Language	2.0	Earned in grades 9-12
Career & Technical Ed.	1.0	From any of the following: Business & Info. Tech Engineering Family & Consumer Science Health Science Marketing Trade and Industry

Career & Technical Center – Off Campus

Computer Technology	0.5	Required
Financial Literacy	0.5	Required
Health	0.5	Required
Physical Education	1.5	Must complete all of the following: Participation skills & Fitness 1.0 Lifetime activities 0.5 (Body conditioning, Aerobics & Dance, Weight Training) Body Conditioning,
Electives	3.0	

Total Credits Required 24.0

Utah basic skill Competency Test (UBSCT)	Must pass all 3 tests by time of graduation (Reading, Writing, Math)
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2. Level of Courses

At least 5 credits must be in Concurrent, Honors or Advanced Placement courses. (Two of these 5 credits must be AP courses). Honors courses are identified in the course description: Advanced Art, Advanced 3-D Design, Visual Communication: Industrial Design, Language Arts 9, (with a grade of B+ or better), fourth year or above of any World Language, AP Art History, Mathematics courses above Intermediate Algebra, Sociology II.

3. Grade Point Average (GPA)

An honor's diploma candidate must maintain a cumulative GPA of at least 3.600.

4. Honors Diploma Application

Applications for the Honors Diploma will be made formally during the second semester of the student's senior year.

ACADEMIES

Choice Initiatives for Salt Lake District High School Students

In accordance to the 2004-09 District Student Achievement Plan Essential Goal #6 promotes the increase of Choice Initiatives for students and families. The following Choice Options are now available within the Salt Lake City School District for high school students.

Academy of Information Technology (Career and Technical Center)

The Academy of Information Technology is associated with the National Academy Foundation. The mission of AOIT is to introduce students to the broad career opportunities in today's digital workforce and equip them with the personal, analytical, technical and communication skills they need. Courses in the AOIT are held at the Salt Lake School District Career and Technical Center. AOIT is available for grades 10-12. All students who apply will be admitted. Applications are available through school Career and Technical Education (CTE) Coordinators. Courses in the AOIT include: Computer Technology, A+, Network +, Multi Media, 3D Animation, and Computer Information Systems. Transportation from home school to the CTC is provided.

Arts Academy at Highland High

The Arts Academy is for students who have a passion for the arts. Students, working in a community of artist-educators who share their passion, will create artwork that reflect professional and educational standards and gain deeper understanding of artwork as it relates to aesthetics, criticism, and other disciplines. The program provides opportunities for students to develop artistic skills and appreciation while continuing in a strong academic program. The Academy includes courses in visual art, music, theatre, and dance and range from beginning levels through advanced placement. Students may enroll in a preparatory, major, or studio level cohort representing all artistic disciplines. Applications are available through the school Art Dept. Transportation is the responsibility of the student.

Business Academy (East High School)

The Business Academy is an enriched, two-year academic program in business and finance for juniors and seniors. Students apply during their sophomore year. Applications are available through school Career and Technical Education (CTE) Coordinators. The program focuses on business and finance; however, it is applicable for students interested in a variety of fields. The purpose of the Academy is to give students a taste of the business world through authentic experiences like internships and hands-on projects, teach personal skills in finance and computer, and give students a head start in college with concurrent enrollment courses. Courses in the Business Academy are college concurrent classes including: Marketing, Accounting, Business Web Page Design, Computer Information Systems Financial Planning, Management Essentials, and Economics. Transportation is the responsibility of the student.

Health Professions Academy (East High School)

The Salt Lake City School District and the University of Utah Health Sciences Center jointly sponsor the Health Professions Academy at East High School. This academy is for students who are interested in college preparatory courses with an emphasis on science and health professions. The purpose of the Academy is to provide a greater understanding and appreciation of career development in the health sciences through high school and university based educational experiences. Students are admitted for 9th grade through an application process, which begins in February of 8th grade. Students may also register for HPA in the ninth grade. This is a full-time program, and students accepted must attend East High. Applications are available through school Career and Technical Education (CTE) Coordinators. Specialized HPA courses include: Medical Terminology, Introduction to Health Sciences, Medical Anatomy and Physiology, and Advanced Health Science I and II.

International Baccalaureate Program at West High School

The IB Program at West High is for academically able students who desire a curriculum that presents subject matter from a worldwide perspective. Students who are highly motivated and productive will benefit from this course of study. Students are admitted for 9th grade through an application process, which begins in February of 8th grade. Selection is based on grades, teacher recommendations, and evidence of motivation. Students who complete the IB Program earn a high school diploma and the internationally recognized IB Diploma. Students may earn college credit and advanced standing at institutions of higher learning throughout the world. The six IB subject areas and the courses offered at West High are: Language A, Language B, Individuals and Societies, Experimental Sciences, Mathematics, and Arts and Electives. This is a full-time program, and students must attend West High.

Teaching Professions Academy (courses offered at West High School)

Teaching Professions Academy courses are offered at Highland High School to support students interested in possibly pursuing a teaching career. At this time, any student in the district may register to take the following courses: Teaching Professions I or Teaching Professions II. Transportation to Highland for the courses is the responsibility of the student.

Language Arts 11 Honors (11) 60827000	Year 1.0	Language Arts 11 Graduation Credit Prereq: English 10
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This is an advanced eleventh grade course which offers students the opportunity to read and write functional, informational, and literary texts. In addition, students will prepare, plan, deliver, and evaluate formal presentations. This course has greater depth and breadth than is found in the Language Arts 11 course and requires more work and more time from the student.

Language Arts 12 (12) 60839000	Year 1.0	Language Arts 12 Graduation Credit Prereq: English 11
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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.

Language Arts Lab (12) 60860000	Semester .5	Elective Graduation Credit
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AP English Language (11-12) 60520000	Year 1.0	Language Arts 11-12 Grad. Credit Approval: Current Teacher
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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. Summer reading may be required. This class may be used for college credit for students receiving a 3 or higher on the A.P. exam.

Prerequisite: Placement will be determined by evaluation of a writing sample, teacher recommendation, past English grades and standardized test scores. Interested sophomores should consult with their English teachers.

AP English Literature (11-12) 60530000	Year 1.0	Language Arts 11-12 Grad. Credit Approval: Current Teacher
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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 pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

Concurrent English (11 -12) 60610000	Year 1.0	Language Arts Graduation Credit Prereq: English 10 & CPT Test Approval: Teacher
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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.

*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.

LANGUAGE ARTS ELECTIVES

The following courses offered by the Language Arts department do not receive Language Arts graduation credit.

Creative Writing I (9 -12) 60901000	Year 1.0	Elective Graduation Credit
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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 Advanced (11-12) 60902000	Year 1.0	Elective Graduation Credit or English 12 Graduation Credit
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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.

Debate I (9 -12) 60921000	Year 1.0	Elective Graduation Credit
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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) 60922000	Year 1.0	Elective Graduation Credit or English 12 Graduation Credit Prereq: Debate I
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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.

Beginning Journalism (9-12) 60911000	Year 1.0	Elective Graduation Credit
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This class focuses on the basics of print journalism, ranging from news gathering techniques, writing techniques, interviewing, and editing. Students will learn the basics for writing news, feature, and sports articles, editorials, profiles, and columns. Additionally, students will be introduced to the basics behind newspaper layout, design, and photography.

*Students who excel in this class will be invited to join the Journalism Advanced course, which produces the *Highland Rambler*.

Journalism (10 -12) 60910000	Year 1.0	Elective Graduation Credit Approval: Staff
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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). Freshmen and sophomores are welcome. Students should be aware that fundraising is an expectation of the class.

MATHEMATICS

Students must earn two (3) units of credit in mathematics. Highland High School's Mathematics Department recommends at least three years of mathematics. In order to assist in course selection, the following list of courses is submitted in order of difficulty.

Course	Length	For
Algebra A LEP	1 year – every other block day	ESL students only
Algebra A	1 year- every other block day	9 th graders who would normally enroll in pre-algebra 10 th graders who need more intensive study in algebra
Algebra B	1 year – every other block day	Students who have successfully passed Algebra A
Elementary Algebra	1 year – every other block day	9 th graders who have successfully passed pre-algebra in junior high
Basic Math Skills - UBSCT	1 year – every other block day	Required for: All 9 th graders identified as UBSCT high risk (use 6 th , 7 th , or 8 th -grade math CRT score, or D or lower in out-of-district records), AND all 11 th and 12 th graders who have not passed the math portion of the UBSCT test.
Geometry	1 year – every other block day	Students who have successfully passed Algebra B or Algebra 1
Intermediate Algebra	1 year – every other block day	Students who have successfully passed Algebra 1 and Geometry
Intermediate Algebra Honors	1 year – every other block day	9 th graders and other students who have excelled in Algebra 1 and Geometry
Mathematics of Personal Finance	1 year – every other block day	11 th and 12 th graders who have completed Geometry, require another math credit to graduate and who do not wish to take Algebra 2
Advanced Algebra/Trig	1 year – every other block day	Students who have successfully passed Intermediate Algebra, and who are not quite ready for a rigorous college-level course like Pre-Calculus
Pre-Calculus	1 year – every other block day	Students who have excelled at Intermediate Algebra or Honors Intermediate Algebra, and who desire a rigorous college-level algebra/trigonometry course
Concurrent Math 1010 with Concurrent Math 1050	1 year—every other block day (two semester classes combined)	Intermediate Algebra and ACT Math score of 18+ or a math score of 54+ on the CPT (College Placement Test), in addition to teacher approval.
Calculus	1 year – every other block day	Students who have passed Pre-Calculus, who desire another year of math, but not the rigor of an AP-level course
AP Calculus BC combined with AP Calculus AB	1 year – every day	Students who have excelled at Pre-Calculus and who desire a rigorous college-level year of calculus. Calc AB/BC comprise a full year of college-level calculus. They must be taken together.
AP Statistics	1 year – every other block day	Students who have successfully completed Intermediate Algebra or above, who desire a college-level statistics course

**Algebra A (9 – 11)
61192000**

**Year
1.0**

**Mathematics Graduation Credit
1.0**

This course will emphasize rational number applications with review of Pre-Algebra and focus on beginning Elementary Algebra topics. Physical, visual, and technology models will be used to deepen understanding. The Algebra CRT will not be given in this class. *A scientific calculator is recommended.*

Algebra B (10 – 12)
61194000

Year
1.0

Prerequisite: Algebra A

Students will investigate and solve problems, communicate and make connections, and apply skills in various contexts using linear and quadratic functions. Completion of this course, along with Algebra A, completes the Algebra requirement for graduation. Note: This outline contains only the suggested Algebra B material. At the end of this course, students will take the Algebra 1 End-of-Level Exam.

Elementary Algebra (9-12)
61213000

Year
1.0

Mathematics Graduation Credit
Prereq: Pre-Algebra
Approval: Current Math Teacher

The main goal of Algebra is to develop fluency in working with linear equations. Students will extend their experiences with tables, graphs, and equations and solve linear equations and inequalities and systems of linear equations and inequalities. Students will extend their knowledge of the number system to include irrational numbers. Students will generate equivalent expressions and use formulas. Students will simplify polynomials and begin to study quadratic relationships. Students will use technology and models to investigate and explore mathematical ideas and relationships and develop multiple strategies for analyzing complex situations. Students will analyze situations verbally, numerically, graphically, and symbolically. Students will apply mathematical skills and make meaningful connections to life's experiences.

Geometry (9 -12)
61220000

Year
1.0

Mathematics Graduation Credit
Prereq: Grade of C or better in Elementary Algebra
Approval: Current Math Teacher

Students will explore geometry through logical processes, technology, constructions, manipulatives, and algebraic connections. Topics of investigation include points, angles, lines, plane and solid shapes, congruence, similarity, graphing, right triangle and trigonometric ratios. Students will use measurement of shapes and solids to solve real life problems. A graphing calculator is recommended.

Intermediate Algebra (9-12)
61215000

Year
1.0

Mathematics Graduation Credit
Prereq: Grade of C or better in Geometry.
Approval: Current Math Teacher

A primary goal of Algebra 2 is for students to conceptualize, analyze, and identify relationships among functions. This course builds on concepts learned in Algebra 1 and Geometry by extending linear algebra and coordinate geometry concepts to other functions and systems of equations. Students will develop proficiency in analyzing and solving quadratic functions using complex numbers. Students will investigate and make conjectures about absolute value, radical, exponential, logarithmic and sine and cosine functions algebraically, numerically, and graphically, with and without a graphing calculator. Students will extend their algebraic skills to compute with rational expressions and rational exponents. Students will analyze statistical data and apply concepts of probability using permutations and combinations. Students will apply mathematical skills and make meaningful connections to life's experiences.

Intermediate Algebra Honors (9-12) 61402000	Year 1.0	Mathematics Graduation Credit Prereq: Grade of C in Geometry & Approval: Current Math Teacher
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Mathematics of Personal Finance (9-12) 61104000	Year 1.0	Mathematics Graduation Credit Prereq: Algebra A&B or Algebra I and Geometry
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The Mathematics of Personal Finance Core is designed for junior and senior students and represents those standards of learning that are essential and necessary for all students. The implementation of the ideas, concepts, knowledge, and skills contained in the Mathematics of Personal Finance Core will enable students to implement the mathematical and decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.

Trigonometry/Advanced Algebra 61216000 (9 –12)	Year 1.0	Mathematics Graduation Credit Prereq: Grade of C or better in Geometry & Intermediate Algebra & Approval: Current Math Teacher
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This course is an extension of Intermediate Algebra and Geometry. The emphasis will be on equations, functions, inequalities, trigonometric equations, and analytical geometry concepts. Students passing this class will be prepared to take calculus at the high school level. A graphing calculator is recommended.

Pre-Calculus (9 -12) 61239000	Year 1.0	Mathematics Graduation Credit Prereq: Grade of C or better in Geometry & Intermediate Algebra Approval: Current Math Teacher
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This course uses complex numbers in the study of vectors, polar coordinates, arithmetic and geometric series, and extends functions to include exponential, polynomial regression equations for these functions. Bivariate data will be studied to include regression equations for these functions. Calculus fills the minimum requirement for college and is preparation for calculus. A graphing calculator is recommended.

Calculus (11-12) 61240000	Year 1.0	Mathematics Graduation Credit Prereq: Grade of C or better in Calculus Prep or Pre-Calculus Approval: Current Math Teacher
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The study of calculus 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 Calculus. Students may register for the following courses with teacher recommendation: Calculus, Advanced Placement Calculus AB, Advanced Placement Calculus BC. A graphing calculator is required.

AP Calculus AB (10-12)
61511000

Year
1.0

Mathematics Graduation Credit
Prereq: C or better in Calculus
Prep or Pre-Calculus
Approval: Current Math Teach

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 is highly recommended for this course.

AP Calculus BC (11-12)
61512000/paired with
AP Calculus AB 6151000

Year
2.0

Mathematics Graduation Credit
Prereq: C or Better in
AP Calculus AB
Approval: Current Math Teacher

Requires a thorough knowledge of 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 is highly recommended for this course.

*Double Period A Day & B Day. Students must sign up for both AP Calc AB and BC.

AP Statistics (10-12)
61501000

Year
1.0

Mathematics Graduation Credit
Prereq: Grade of C or better in
Intermediate Algebra
Approval: Current Math Teacher

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 is required for this course.

**Intermediate Algebra-
Concurrent 1010 61614000 (11-12)**
Combined with

Semester
.50

Prereq: Intermediate Algebra and ACT
Math score of 18+ or a math score of
54+ on the CPT (College Placement
Test), in addition to teacher approval.

**College Algebra-
Concurrent 1050 61616000 (11-12)**

Semester
.50

Concurrent 1010: Linear and quadratic equations, inequities, polynomials, rational expressions, radicals, negative

and rational exponents, complex numbers, linear systems, introduction to functions, logarithms and exponential functions. A graphing calculator is strongly recommended.

FEE: \$25 textbook rental; one-time college application fee \$35.

Concurrent 1050: This course uses complex numbers in the study of vectors, polar coordinates, arithmetic and geometry series, and extends functions to include exponential, polynomial, rational, logarithmic, and trigonometric. Data with two variables will be studied to include regressions equations for these functions. A graphing calculator is strongly recommended.

FEE: \$25 textbook rental.

*Intermediate Algebra Concurrent 1010 and College Algebra Concurrent 1050 must be taken

back to back for the entire school year. Students must be registered for both course.

Occupational Computer Programming* (10 -12)
65274000

CTE, Elective, or **fourth Math credit**

Year
1.0

This is a beginning class in computer programming and applications. Students learn fundamentals of programming including control and data structures, file storage, and object oriented programming. Students learn how to program for Internet applications and also basic gaming concepts. Students design, code and test their own programs. This course can fulfill the fourth elective mathematics credit.

SCIENCE

Science Careers (Educational Pathway)

Year	Medical Field	Engineering	Chemistry	Physics	Biology	Geology/ Environmental Sciences	Astronomy
Freshman	(Hn)Biology/ Earth Systems	(Hn)Biology/ Earth Systems	(Hn)Biology/ Earth Systems	(Hn)Biology/ Earth Systems	(Hn)Biology/ Earth Systems	(Hn)Biology/ Earth Systems	(Hn)Biology/ Earth Systems
Sophomore	(Hn)Chemistry/ (Hn)Physics/ AP Biology	(Hn)Chemistry/ (Hn)Physics/ AP Environmental	(Hn)Chemistry/ (Hn)Physics	(Hn)Chemistry/ (Hn)Physics	AP Biology/ Chemistry/ AP Environmental	(Hn)Chemistry/ (Hn)Physics/ AP Environmental	(Hn)Chemistry/ (Hn)Physics
Junior	(AP)Chemistry/ (AP)Physics/ AP Biology Zoology/ BioTech	AP)Chemistry/ (AP)Physics/ AP Environmental	(AP)Chemistry/ (AP)Physics	(AP)Chemistry/ (AP)Physics	AP Biology/ Chemistry/ Zoology/ Bio Tech	AP Chemistry/ AP Environmental/ AP Physics	(AP)Chemistry/ (AP)Physics
Senior	(AP)Chemistry/ (AP)Physics/ AP Biology Zoology/ BioTech	AP)Chemistry/ (AP)Physics/ AP Environmental	(AP)Chemistry/ (AP)Physics	AP)Chemistry/ (AP)Physics	AP Biology / AP Chemistry/ AP Environmental/ Zoology/ Bio Tech	AP Chemistry/ AP Environmental/ AP Physics	(AP)Chemistry/ (AP)Physics

Earth Systems (9 -12)
62102000

Year
1.0

Science Graduation Credit
Approval: Science Teacher

This course integrates content from earth, physical, space, and life sciences. Students develop an understanding of interactions and interdependence within and between earth systems and biological systems, atmospheric systems, water systems, geologic systems, energy systems, and space. **Recommended for 9th Grade Students. A lab fee is required.**

Biology (9 -12)
62211000

Year
1.0

Science Graduation Credit
Approval: Science Teacher

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. **A lab fee is required.**

Biology Agricultural (9 -12)
67927000

Year
1.0

Biology or CTE Graduation Credit
At: Highland High School

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. **A lab fee is required.**

Physics Honors (10 -12) 62431000	Year 1.0	Science Graduation Credit Prereq: Intermediate Algebra Approval: Science Teacher
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The three topics covered in honors physics are matter, motion and energy. This course is designed to extend the general physics through a more in depth, mathematics based, coverage of the content. This course will prepare students to take the AP Physics B test. **A lab fee is required.**

AP Physics B (10-12) 62541000	Year 1.0	Science Graduation Credit Prereq: General Physics and Intermediate Algebra Approval: Science Teacher
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Advanced Placement Physics provides in depth, mathematics intensive, and coverage of the physics concepts that are taught in first year university physics courses. This course is designed to prepare students for the AP Physics B exam. **A lab fee is required.**

Physics with Technology (9 -12) 67947000	Year 1.0	Science or Career & Technical Education Graduation Credit Prereq: Elementary Algebra
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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.

A lab fee is required.

AP Environmental Science (10 -12) 62533000	Year 1.0	Science Graduation Credit Prereq: Biology/Chem or Physics
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This course provides students with scientific principles, concepts and methodologies to understand global and local environmental problems, examine alternative solutions for environmental problems, and to look at interrelationships of the natural and human-made world. **A lab fee is required.**

SCIENCE ELECTIVES

Zoology (10-12) 62251000	Year 1.0	Elective Credit Prereq: Biology
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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 is involved.

A lab fee is required.

Biotechnology (11-12) 67928000	Year 1.0	CTE Grad. Credit or Elective Credit Prereq: Biology and Algebra
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This course is 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. **A lab fee is required.**

SOCIAL STUDIES

Geography for Life (9) 63902000	Semester .5	Geography for Life Graduation Credit
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This course is designed to introduce students to the physical and cultural patterns of the world. Geographic study includes mapping skills, the interaction between people and their environment, and the political and economic systems that they develop.

Geography for Life Honors (9) 63903000	Semester .5	Geography for Life Graduation Credit
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This course is an in-depth study of the physical and cultural patterns of the world. Geographic study includes mapping skills, the interaction between people and their environment, and the political and economic systems that they develop.

World Civilizations I & II (10) 63923000/63925000	Year 1.0	World Civilizations Graduation Credit
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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) 63536000	Year 1.0	World Civilizations Graduation Credit and Soc. Studies Elective Prereq: Geography for Life
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This course will cover major themes and developments in the histories of major world civilizations from the year 1000 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) 63221000	Year 1.0	US History Graduation Credit
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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 and the cold war, civil strife and the 1960s and the events of the 1970's and 1980's.

U S Govern. and Citizenship (9-12) 63205000	Semester .5	Graduation Requirement
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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 American History (11-12) **Year** US History Graduation Credit
63521000 **1.0** **Approval:** Dept. Chair

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.

SOCIAL STUDIES ELECTIVES

The following courses offered by the Social Studies department receive Social Studies Credit.

Sociology I (10 -12) **Semester** Elective Graduation Credit
63244000 **.5**

The major focus of this course is to create an understanding of the interaction process between individuals, groups and society, including how each of these influences human life. issues such as: juvenile delinquency, crime, and intervention, relationships, marriage and important techniques in child rearing and divorce prevention will be explored.

Sociology II (10 -12) **Semester** Elective Graduation Credit
63245000 **.5** **Prereq:** Sociology I

This course will include such topics as: deviance and the spiraling of youth gang membership; the manifestation of man's collective aggression as it applies to war and diplomacy; the effects of computerization on society; the societal institution of medicine and in-depth analysis of social problems and conflicting theoretical solutions. Fulfills requirements for the Honors Diploma.

WORLD LANGUAGES

At Highland High school the World Language department offers a great variety of skill levels in the studies of French, German, and Spanish. Any student with less than a C- in any previous quarter should not enroll in a higher-level course without teacher approval. A student may repeat a level with teacher approval. Native speakers are encouraged to take upper level courses.

French I (9 -12) **Year** Elective Graduation Credit
64211000 **1.0**

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

French II (9 -12) **Year** Elective Graduation Credit
64212000 **1.0** **Approval:** Teacher

French II continues with the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on the grammatical structure of the language. The cultures of various French-speaking countries are studied more in depth. Native speakers should have teacher recommendation for this course.

French III (9 -12) **Year** Elective Graduation Credit
64213000 **1.0** **Approval:** Teacher

French III develops more comprehensive skills in conceptual development, thinking, reading, and writing. Emphasis is placed on literacy in reading and writing and oral proficiency. The cultures of French speaking countries are studied more comprehensively. Native speakers should have teacher recommendation for this course.

French IV (10 -12) **Year** Elective Graduation Credit
64214000 **1.0** **Prereq:** Grade of C or better
in French III
Approval: Teacher

French IV is a course of advanced study in all areas of language proficiency with an emphasis on higher level speaking and writing skills. Students develop skills in understanding challenging authentic media and video. The complexities of French speaking cultures use different patterns of interaction as they compare and contrast to the students' patterns of interaction are studied. Native speakers should have teacher recommendation for this course.

French V (11-12) **Year** Elective Graduation Credit
64215000 **1.0** **Prereq:** French IV
Approval: Teacher

This course continues an emphasis on higher-level speaking and writing skills. Students study an overview of French literature from the Middle Ages to the present and analyze poetry and prose to demonstrate awareness of cultural differences.

German I (9 -12) **Year** Elective Graduation Credit
64221000 **1.0**

German I focuses on concept development, listening and speaking skills with emphasis on oral communication. Basic reading and writing skills are introduced. Students are also introduced to the grammatical structure of the German language. The cultures of German speaking peoples are studied.

German II (9 -12) **Year** Elective Graduation Credit
64222000 **1.0** **Approval:** Teacher

German II continues the development of listening and speaking comprehension with continued emphasis on oral proficiency. Further emphasis is placed on comprehension of the grammatical structure of the language. The German culture is studied more in depth. Native speakers should have teacher recommendation for this course.

German III (9 -12)
64223000

Year
1.0

Elective Graduation Credit
Approval: Teacher

In German III more comprehensive skills in conceptual development, thinking, speaking, reading and writing will be developed. Emphasis is placed strongly on literacy in reading and writing and oral proficiency. The German culture is studied more comprehensively. Native speakers should have teacher recommendation for this course.

AP German (10 -12)
64226000

Year
1.0

Elective Graduation Credit
Prereq: Grade of C or better
in German III
Approval: Teacher

This is a very advanced and highly demanding course. Emphasis is placed on the students' degree of comprehension, fluency, grammatical structure, syntactical and production patterns and sophisticated oral and written discourse. Native speakers should have teacher recommendation for this course

Spanish I (9 -12)
64251000

Year
1.0

Elective Graduation Credit
Equivalent to Spanish I in
Intermediate School

Spanish I is a basic language course specifically for students who have had no previous experience in Spanish. Listening comprehension is emphasized with development of some speaking, reading, and writing skills. In addition, the cultures of Spanish speaking people are an integral part of this course. This course is not designed for native speaking students. The Language Department recommends that native speaking students register for Spanish III or IV.

Spanish II (9 -12)
64252000

Year
1.0

Elective Graduation Credit
Approval: Teacher

Spanish II continues the basic study of listening, speaking, reading and writing skills begun in Spanish I. Students increase their ability to understand spoken Spanish on a variety of topics and begin to create and express their own thoughts both in speaking and writing Spanish. In addition, the cultures of Spanish speaking people are an integral part of this course. Native speakers must have teacher recommendation to insure the best placement.

Native speakers must have teacher recommendation to ensure the best placement.

Spanish III (9 -12)
64253000

Year
1.0

Elective Graduation Credit
Approval: Teacher

Spanish III continues the basic study of listening, speaking, reading and writing skills begun in Spanish I and continued in Spanish II. Students increase their ability to understand spoken Spanish on a variety of topics and continue to create and express their own thoughts both in speaking and writing Spanish. Students should be able to initiate and maintain short face-to-face conversations, and demonstrate awareness of cultural differences and adjustment to Hispanic customs. Native speakers must have teacher recommendation to insure the best placement.

Native speakers must have teacher recommendation to ensure the best placement.

Spanish IV (10 -12) 64254000	Year 1.0	Elective Graduation Credit Prereq: Spanish III Approval: Teacher
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Spanish IV includes a review of grammar and builds upon the listening, speaking, reading and writing skills from previous courses. Cultural activities and Spanish literature will be emphasized. Fulfills requirements for the Honors Diploma. Native speakers must have teacher recommendation to insure the best placement. **Native speakers must have teacher recommendation to ensure the best placement.**

AP Spanish (11-12) 64511000	Year 1.0	Elective Graduation Credit Prereq: Spanish IV Approval: Teacher
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AP Spanish is a college-level course. Students will be provided a well-rounded exposure to speaking, reading, writing and listening skills. All grammar structures will be reviewed and studied with an in depth look at subjunctive. Fine points of grammar will be studied. Vocabulary will be developed from readings. Activities will guide students to express themselves orally and in writing. **Native speakers must have teacher recommendation to ensure the best placement.**

Mandarin Chinese (9-12) 64531000	Year 1.0	Elective Graduation Credit
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Mandarin Chinese II (9-12) 64532000	Year 1.0	Elective Graduation Credit Prereq: Mandarin Chinese
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Mandarin Chinese III (9-12) 64534000	Year 1.0	Elective Graduation Credit Prereq: Mandarin Chinese II
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FINE ARTS

VISUAL ARTS

Fine Arts Academy: Are you interested in the Arts? Would you like to continue this interest in college? Sign up for the Arts Academy. The Highland Arts Academy will be led by a community of artist educators who will provide students with challenging experiences in a variety of art forms. Students from diverse cultures will share their passion for the arts with one another, create artwork that reflects professional and educational standards, and understand artwork as it relates to aesthetics, criticism and other academic disciplines.

The Arts Academy will enrich the high school experience of students who plan to pursue the arts beyond graduation, of students who are enrolled in regular arts classes, and of the student-body at large. Applications will be available at registration. For additional applications or for more information, please contact any instructor in the Fine Arts Department.

Ceramics I (9 -12) Semester Fine Arts Graduation Credit
66041000 .5

This is 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. **A lab fee is required.**

Studio Art Ceramics I (9-12) Semester Fine Arts Graduation Credit
66043100 .5

Second Semester of Ceramics I. **A lab fee is required.**

Ceramics II (10 -12) Semester Fine Arts Graduation Credit
66042000 .5
Prereq: Ceramics I
Approval: Teacher

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. **A lab fee is required.**

Studio Art Ceramics II (10 -12) Semester Fine Arts Graduation Credit
66043200 .5
Prereq: Ceramics I
Approval: Teacher

Second Semester of Ceramics II. **A lab fee is required.**

Ceramics III (11-12) Semester Fine Arts Graduation Credit
66043000 .5
Prereq: Ceramics II
Approval: Teacher

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. **A lab fee is required.**

Studio Art Ceramics III (11-12) Semester Fine Arts Graduation Credit
66043300 5
Prereq: Ceramics II
Approval: Teacher

Second Semester of Ceramics III. **A lab fee is required.**

3-D Design (9 -12) (level 1) Semester Fine Arts Graduation Credit
66100000 .5

Three Dimensional (3-D) Design provides an overview and introduction to fine crafts, their media, and the cultures they represent. With an emphasis on studio production, students work with mixed media (macramé, batik, hooking, soft sculpture, wood carving, stained glass, etc.) to create art objects. **A lab fee is required.**

Design and Visual (9 -12)**Communications I****67421000****Year****1.0**Career & Technical Education
or Fine Arts Graduation Credit.

This course focuses on applied visual art principles and techniques. Students will learn strategies for effectively communicating ideas and information to businesses and consumer audiences. The course will explore a broad range of media including: computers, airbrush, illustration, cartooning, painting and drawing. **A lab fee is required.**

Commercial & Advertising Art II (9 -12)**67423000****Year****1.0**Career & Technical Education
or Fine Arts Graduation Credit**Prereq:** Design /Visual Comm.**Approval:** Teacher

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

Visual Communication & (10 -12)**Industrial Design****67422000****Year****1.0**Career & Technical Education
or Fine Arts Graduation Credit**Prereq:** Design /Visual Comm.**Approval:** Teacher

This is a course in applied visual communication that teaches students to use artistic techniques to effectively communicate ideas and information to businesses and consumers. The program explores all areas of industrial design. Some specific areas include: packaging design, mach-up design, development principles of product structure. Students will work in diverse media and develop a portfolio. **A lab fee is required.**

AP Studio Art 2D Design (10-12)**66209000****Year****1.0**

Fine Arts Graduation Credit

Approval: Pat Eddington

This class is based on a model developed by the College Board. Students will develop a portfolio of two sections, Breadth and Concentration. 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. **A lab fee is required.**

AP Studio Art 3D Design (10-12)**66209000****Year****1.0**

Fine Arts Graduation Credit

Approval: Carter Williams

This class is based on a model developed by the College Board. Students will develop a portfolio of two sections, Breadth and Concentration. 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 (10-12) 66209000	Year 1.0	Fine Arts Graduation Credit Approval: Jean Vandertoolen
This class is based on a model developed by the College Board. Students will develop a portfolio of two sections, Breadth and Concentration. 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. <u>A lab fee is required.</u>		
AP Art History (11-12) 66060000	Year 1.0	Fine Arts Graduation Credit
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.		
Beginning Photography (9 -12) 66220000	Semester .5	Career & Technical Education or Fine Arts Graduation Credit
This is an introductory course in black & white photography. Basic camera functions, film developing and enlarging are included in this one semester course. Access to a working 35mm camera is required, but any 35mm camera will be adequate, including "point and shoot" types. <u>A lab fee is required.</u>		
Commercial Photography I (10-12) 66221000	Year 1.0	Career & Technical Education or Fine Arts Graduation Credit
This course teaches photographic techniques to communicate ideas and information to business and consumer audiences. Instruction focuses on cameras, equipment operation, and maintenance. Course emphasis is on black and white photography including exposure, developing, and enlarging techniques. Lab fee may be required.		
Commercial Photography II (10-12) 66222000	Year 1.0	Career & Technical Education or Fine Arts Graduation Credit Prereq: Comm. Photo I Approval: Teacher
This class continues the techniques learned in Commercial Photography I with an emphasis on commercial and artistic applications of photography. Second semester is a continuation of digital photography. Advanced photo techniques will be studied. Students are required to have a 35 mm or medium format camera. Students will be required to purchase film, photo paper, mounting supplies, and computer storage media. <u>A lab fee per semester is required.</u>		
Film Making (10-12) 66102000	Semester .5	Fine Arts Graduation Credit Prereq: Any High School Fine Arts course
This course is for the High School Visual Arts Core Curriculum. It is designed to provide an overview and introduction to the four most basic phases of film making: Development, Pre-Production, Production, and Post-Production. This course covers higher-level thinking skills and art-		

related technology skills with an emphasis on the creation of films in either traditional or electronic media. *The prerequisite for this course is any other high school fine arts course.*

PERFORMING ARTS

<p>Dance IA (9 -12) 66105000</p> <p>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.</p>	<p>Semester .5</p>	<p>Fine Arts or Lifetime Activities Graduation Credit</p>
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<p>Dance IB (9 -12) 66106000</p> <p>Second Semester of Dance IA</p>	<p>Semester .5</p>	<p>Fine Arts or Lifetime Activities Graduation Credit Prereq: Dance IA or audition Approval: Teacher</p>
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<p>Dance IIA (9 -12) 66107000</p> <p>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.</p>	<p>Semester .5</p>	<p>Fine Arts or Lifetime Activities Graduation Credit Prereq: Dance IB or audition Approval: Teacher</p>
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<p>Dance IIB (9 -12) 66108000</p> <p>This intermediate level dance course is Second Semester of Dance IIA.</p>	<p>Semester .5</p>	<p>Fine Arts or Lifetime Activities Graduation Credit Prereq: Dance IIA or audition Approval: Teacher</p>
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<p>Dance IIIA (11 -12) 66109000</p> <p>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.</p>	<p>Semester .5</p>	<p>Fine Arts or Lifetime Activities Graduation Credit Prereq: Dance IIB or audition Approval: Teacher</p>
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<p>Dance IIIB (11 -12) 66110000</p> <p>This advanced level dance course extends the core standards and objectives presented in Dance IIIA.</p>	<p>Semester .5</p>	<p>Fine Arts or Lifetime Activities Graduation Credit Prereq: Dance IIIA or Audition Approval: Teacher</p>
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Social Dance (10 -12) 66286000	Semester .5	Fine Arts or Lifetime Activities Graduation Credit
This course (open to young men and women) exposes students to a variety of social dance forms. Students will explore everything from the waltz to country line dancing. Learning basic steps, students will be able to perform dance hall favorites such as the swing, the Lindy, the two-step, and the twist. Dances from other countries will also be included.		
Theatre Foundations I (9 -12) 66111000	Semester .5	Fine Arts Graduation Credit
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) 66112000	Semester .5	Fine Arts Graduation Credit Prereq: Theatre Foundations I
Second Semester of the basic theatre concepts of Theatre Foundations I by comparing and integrating theatre elements with other art forms. Students have the opportunity to analyze and critique performances.		
Theatre Foundations III (9 -12) 66113000	Semester .5	Fine Arts Graduation Credit Prereq: Theatre Foundations II Approval: Teacher
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.		
Theatre Foundations IV (9 -12) 66114000	Semester .5	Fine Arts Graduation Credit Approval: Teacher
Second Semester This course fosters and refines all the basic concepts in theatre taught in Theatre Foundations I-III.		
Chorus (9-12) 66240000	Year 1.0	Fine Arts Graduation Credit All voices no Audition
Students sing in a chorale ensemble, develop vocal skills, and learn to read music. Students also strengthen listening skills and the ability to analyze and evaluate music and music performances.		
Choir II TB (10 -12) Men's Barbershop 66116000	Year 1.0	Fine Arts Graduation Credit Approval: Teacher
In Choir II courses students refine their musical ability and aesthetic understanding through singing in a choral ensemble. Study emphasizes reading music with fluency and polishing performance skills. All voices by Audition		

Choir II SA (10 -12)	Year	Fine Arts Graduation Credit
Ladies Ensemble	1.0	Approval: Teacher
66115000		

In Choir II courses students refine their musical ability and aesthetic understanding through singing in a choral ensemble. Study emphasizes reading music with fluency and polishing performance skills.

All voices by Audition

String Orchestra (9 -12) (level 1)	Year	Fine Arts Graduation Credit
66265000	1.0	Approval: Teacher

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) (level 2)	Year	Fine Arts Graduation Credit
66233000	1.0	Prereq: Year experience in band

Approval: Teacher

The Concert Band is a preparatory band for the Wind Ensemble. It has full concert instrumentation. Activities in this class center on the development of tone production, articulation, and style. The Concert Band performs at several home athletic events and at least three concerts during the year.

Symphony Orchestra (9 -12) (level 2)	Year	Fine Arts Graduation Credit
66266000	1.0	Approval: Teacher

The Symphony Orchestra is a performance-oriented ensemble that plays a wide variety of music from Broadway plays to symphonies and concerti. The orchestra performs at least four times during the school year, as a string ensemble, and full orchestra with winds. Emphasis is placed on intonation, bow technique, high positions, interpretation and style.

Wind Ensemble (10-12)(level 3)	Year	Fine Arts Graduation Credit
66235000	1.0	Prereq: Audition

Approval: Teacher

The Wind Ensemble provides the student of wind or percussion instruments the opportunity to explore and perform literature of the modern band repertory. It is an auditioned ensemble with full instrumentation. Woodwind, brass, and percussion players for the orchestra are selected from this group. The Wind Ensemble performs at several home athletic events and at least one concert each term. (Percussionists must be able to read mallet percussion music.)

Percussion Ensemble (9 -12)	Year	Fine Arts Graduation Credit
66261000	1.0	Approval: Teacher

Students in this course will develop performance skill on snare drum, bass drum, timpani board, and auxiliary instruments. Students are expected to purchase some drumsticks and mallets for their own use. Students are expected to perform on or with both bands.

Jazz Band (10 -12) 66234000	Year 1.0	Fine Arts Graduation Credit Prereq: Audition or approval Approval: Teacher
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This course is for students interested in performing jazz music. Areas of special concern are jazz styles, interpretation and improvisation. Emphasis is placed on the performance of jazz in the big-band style. Concurrent membership in the Concert Band or Wind Ensemble is required.

AP Music Theory (11 -12) 66540000	Year 1.0	Fine Arts Graduation Credit Approval: Teacher
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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 ELECTIVES

Beginning Piano (9 -12) 66237000	Year 1.0	Elective Graduation Credit Only
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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.

Piano II (9 -12) 66238000	Year 1.0	Elective Graduation Credit Only
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Playwriting (10-12) 66277000	Year 1.0	Elective Graduation Credit Only Prereq: Theatre Foundations I-IV
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The course provides theatre students with comprehensive and advanced experience in constructing and developing new scripts and presenting new plays. Students will integrate writing with the study of text, criticism, dramatic theory, production and acting.

PHYSICAL EDUCATION AND HEALTH

PE Skills & Fitness (9 -11) 68201000	Year 1.0	Graduation Requirement
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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. The course helps each student adopt a personal lifestyle that will achieve physical fitness. 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.

Lifetime Activities (10 -12) 68204000	Semester .5	Lifetime Activities Graduation Credit Prereq: Participation Skills
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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) 68901000	Semester .5	Graduation Requirement
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This one semester course assists students in the continual development of skills needed to improve the quality of life. The course emphasizes the physical, social, and mental dimensions of people so that the students become better consumers of health information. It offers students an opportunity to evaluate health practices, products and services. **Health is a required course for graduation.**

Introduction to Health Science (10-12) 679290001 combined with/ Health (10 -12) 689010001	Year 1.0	Graduation Requirement/CTE
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The Introduction to Health Science portion of the course is offered during 1st semester. This course is designed to create an awareness of career possibilities in health care and inform students of educational options available for health science programs. Introductory anatomy and physiology, medical terminology, medical ethics, diseases and disorders are covered in sufficient depth to prepare students for a health science program or for more advanced information in Medical Anatomy & Physiology. A lab fee is required.

Students will continue into the 2nd semester course that assists students in the continual development of skills needed to improve the quality of life. The course emphasizes the physical, social, and mental dimensions of people so that students become better consumers of health information. It offers students an opportunity to evaluate health practices, products and services.

Body Conditioning (10 -12) 68223000	Semester .5	Lifetime Activities Graduation Credit Prereq: Participation Skills
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This course will include basic weight training, fitness, flexibility techniques and individualized lifetime weight lifting instruction.

Weight Training (10 -12) 68221000 First Semester 68222000 Second Semester	Semester .5 .5	Lifetime Activities Graduation Credit Approval: Teacher
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This course is designed for those athletes who require a highly specialized and individualized program for any specific sport training.

COMPUTER TECHNOLOGY

Computer Technology (9 -12) 65209000	Semester .5	Graduation Requirement Prereq: Keyboarding speed of 25 words per minute
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An introduction to computer application software that encompasses document processing, spreadsheets, and presentations. An understanding of ethics and use of operating systems,

information resources and electronic mail is included. Skills gained will be demonstrated by creating a project for a different content area. **A lab fee is required.**

Concurrent Computer Technology 65210000	Year 1.0	3 hours of college credit Fulfills Computer Technology Requirement for graduation
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This course follows the CIS 1020 Computer Essentials curriculum offered through Salt Lake Community College and is suitable for students with computer/software experience and good study skills. CIS1020 includes word processing, spreadsheets and electronic presentations using Microsoft Office 2007 programs, the Windows operating system, Internet, Email, Ethics, and Computer Basics. It satisfies the HIGH SCHOOL computer technology requirement **and also** the COLLEGE computer literacy requirement. 3.0 credits are posted to a SLCC transcript which can be transferred to other institutions to provide proof of computer literacy. There is a one-time college admissions charge for concurrent enrollment students with no additional charge for tuition or books for this course. Students who have already completed the regular Computer Technology class will receive CTE or elective high school credit. **A lab fee is required.**

CAREER & TECHNICAL EDUCATION

These courses will apply to CTE credit or elective credit

Desktop Publishing (9 -12) 65218000	Semester .5	Prereq: Keyboarding speed of 25 words per minute
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Desktop publishing software is used to develop the competencies of creating, formatting, illustrating, designing, editing/revising, and printing publications such as newspapers, flyers, brochures, reports, advertising materials, and other publications. **A lab fee is required.**

Fashion Merchandising (9 -12) 65261000	Semester .5
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This course provides an introduction into the world of fashion. Fabrics and figure types, customers and cycles of fashion, it's all there and more. Students will also enjoy the instruction this class provides on visual display, textiles, retail management and design.

Multimedia Applications (10 -12) 67197000	Year 1.0
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Multimedia is the process of planning instructional design and development. Students create interactive computer and applications using the elements of text, 2-D and 3-D graphics, animation, sound, video, and digital imaging. These skills prepare students for entry-level positions and other occupational/educational goals. **Lab fee may be required.**

Multimedia II (11-12) 67304000	Year 1.0	Prereq: Multi Media I
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Multimedia is the process of planning, instructional design, and development. Multimedia Production (MMII) is the second-year multimedia course where students will focus on developing advanced skills to create interactive computer applications using the elements of text, 2-D and 3-D graphics,

animation, sound, video, and digital imaging. These skills can prepare students for entry-level positions and other occupational/educational goals.

Occupational Computer Programming (10 -12) CTE, Elective, or fourth Math credit
65274000 Year
1.0

This is a beginning class in computer programming and applications. Students learn fundamentals of programming including control and data structures, file storage, and object oriented programming. Students learn how to program for Internet applications and also basic gaming concepts. Students design, code and test their own programs. This course can fulfill the fourth elective mathematics credit.

Word Processing Basics (9 -12) Semester
67303000 .5

In this course, basic word processing skills are taught. Skills include keyboarding, editing and proofreading documents, performing standard file management, and creating business documents simulating authentic job environments. This course is designed for those with little or no computer experience and prepares students for the required Computer Technology course. **A lab fee is required.**

Word Processing Basics Year Semester 1: CTE or Elective
673030001/ with 1.0 Semester 2: Graduation
Computer Technology Requirement
65209000 (9-12)

This year-long class provides a foundation in keyboarding and computer usage during Semester 1 and flows directly into Computer Technology in Semester 2. See full descriptions above. **A lab fee is required.**

Computer Technology II (10-12) Semester Prereq: Successful completion of
65209200 .5 Computer Technology or its
equivalent.

For students with an interest in business software applications, this course expands on skills established in the required Computer Technology course. Students practice concepts applied by business professionals in Word, Excel, PowerPoint and Access and prepare for related internships (if desired). The course also equips students to receive industry certifications which endorse their skills to prospective employers. **A lab fee is required.**

Concurrent Computer Semester Graduation requirement,
Technology (10-12) .5 CTE, or Elective credit
65210000 Prereq: Keyboarding speed of
25 words per minute.

This course satisfies the HIGH SCHOOL computer technology requirement **and also** the COLLEGE computer literacy requirement. 3.0 credits are posted to a SLCC transcript which can be transferred to other institutions to provide proof of computer literacy. There is a one-time college

admissions charge for concurrent enrollment students with no additional charge for tuition or books for this course. Students who have already completed the regular Computer Technology class will receive CTE or elective high school credit. See the COMPUTER TECHNOLOGY section for a full description.

Beginning Photography (10 -12) Semester
66220000 .5

This is an introductory course in black & white photography. Basic camera functions, film developing and enlarging are included in this one semester course. Access to a working 35mm camera is required, but any 35mm camera will be adequate, including "point and shoot" types. **A lab fee is required.**

Commercial Photography I (10 -12) Year Career & Technical Education
66221000 1.0 or Fine Arts Graduation Credit

This course teaches photographic techniques to communicate ideas and information to business and consumer audiences. Instruction focuses on cameras, equipment operation, and maintenance. Course emphasis is on black and white photography including exposure, developing, and enlarging techniques. **Lab fee may be required.**

Commercial Photography II (10 -12) Career & Technical Education
66222000 Year or Fine Arts Graduation Credit
1.0 Prereq: Commercial Photography

This class continues the techniques learned in Commercial Photography I with an emphasis on commercial and artistic applications of photography. Second semester is a continuation of digital photography. Advanced photo techniques will be studied. Students are required to have a 35 mm or medium format camera. Students will be required to purchase film, photo paper, mounting supplies, and computer storage media. **A lab fee per semester is required.**

Food and Nutrition I (9 -12) Semester
67193000 .5

This course is designed for students who are interested in understanding the principles of nutrition and maintaining a healthy level of fitness for life. Attention will be given to the selection and preparation of food and personal health and well-being. FCCLA student leadership organization may be an integral part of the course. **A lab fee is required.**

Food and Nutrition II (9 -12) Semester
67194000 .5

This course is designed to teach advanced concepts of nutrition and how it affects the health of individuals and families. Instruction also given in the care of food, meal management, food patterns, and food needs. Consumer skills are emphasized. FCCLA student leadership organization may be an integral part of the course. **A lab fee is required.**

Pro Start I (10-12) Year Prereq: Foods and Nutrition I & II
67190000(Food Service) 1.0 Approval: Teacher

This basic course from the National Restaurant Association introduces students into the world of professional cooking. Basic communication skills, safety and sanitation, food preparation, meal

planning, and other topics are taught in this course. They will perform quality food support as it relates to catering, bakery, restaurant, hospitality and fast food business operations. FCCLA student leadership organization may be an integral part of the course. **A lab fee is required.**

Sanitation Concurrent (9-12) **Year**
67217200 **1.0**

This is an introduction to environmental sanitation and hazardous analysis critical control point-based food safety practices. Attention is focused on prevention of food-borne illness.

Introduction to Food Service (9-12) **Year**
Concurrent **1.0**
67217000

An overview of the food service industry both past and present. Organizational structure and various types of food service establishments are studied. Current and future trends in the food industry are examined and discussed.

Sports Sewing I & II (9 -12) **Year**
67195000 **1.0**
67196000

This course is activity oriented. Students will learn the basics of sewing and the use of the sewing machine. Students will make a variety of projects. Students can earn a state competency certificate. FCCLA student leadership organization may be an integral part of the course. **A lab fee is required.**

Fashion Strategies (9 -12) **Semester**
67209000 **.5**

This course explores individual characteristics, personal fashion types and identifying trends and fads. Students will learn to make the most of what is in the closet and make a great impression. Design elements and principles (color, line, texture, etc.) and fashion design are part of the curriculum. A little personal sewing is included in the course. FCCLA student leadership organization may be an integral part of the course. **A lab fee is required.**

Child Development (9 -12) **Semester**
67237000 **.5**

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

Child Care I (10 -12) **Year**
67226000 **1.0** **Approval: Teacher**

This course prepares students for child-related careers and/or more extensive parenting skills through personal interaction with children. Instruction is given in developing positive relationships with children, providing learning experiences for children, child care policies and management, guidance techniques, and health and safety concerns. On-site lab experiences will be a major

Automotive Technician I (10 -12) **Year**
67231000 **1.0**

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

Automotive Technician II (10 -12) **Year** **Prereq:** Automotive Technician I
67232000 **1.0** **Approval:** Teacher

A program with a sequence of courses that prepares students to engage in the fundamental servicing and maintenance of all types of automobiles. Includes instruction in shop safety and basic technical skills relating to the diagnosis of malfunctions and repair of automotive systems. There is advanced instruction in the diagnosis of malfunctions and repair of engines, fuel, electricity/electronics, cooling, brake systems, drive trains, and suspension systems. These courses are based on the Automotive Service Excellence (ASE) task list. Work ethics and productivity are an integral part of the classroom and lab activities of these courses. **A lab fee is required.**

Automotive Technician III (11 -12) **Year** **Prereq:** Automotive Technician I or II
67233000 **1.0** **Approval:** Teacher

This course is a continuation of Automotive Technician II, but with a greater in-depth study of servicing and maintenance of vehicles. **A lab fee is required.**

Television Broadcasting I (9-12) **Semester**
67269000 **.5**

This course is designed to provide students with the basic knowledge and skills related to the television *broadcasting* industry. Instruction includes hands-on assignments in the following areas: Camera operation, audio systems, lighting systems, pre-production, studio operations, control room operations, visual effects and graphics, and copyright laws.

Television Broadcasting II (10-12) **Year** **Prereq:** Television Broadcasting I
672690001 **1.0** **and Instructor approval**

This course is designed to provide students with the advanced knowledge and skills related to the television *broadcasting* industry. Instruction includes hands-on assignments in the following areas: Camera operation, audio systems, lighting systems, pre-production, studio operations, control room operations, visual effects and graphics, and copyright laws.

Television Production I (9-12) **Semester**
67270000 **.5**

This course is designed to provide students with the basic knowledge and skills related to the television *production* industry. Instruction includes hands-on assignments in the following areas: Camera operation, recording audio, lighting systems, pre-production, production, post production, visual effects and graphics, and copyright laws.

Television Production II (10-12) **Year** **Prereq:** Television Production I
672700001 **1.0** **and Instructor approval**

This course is designed to provide students with the advanced knowledge and skills related to the television *production* industry. Instruction includes hands-on assignments in the following areas:

Camera operation, recording audio, lighting systems, pre-production, production, post production, visual effects and graphics, and copyright laws.

Woodworking (9 -12) (level 1) **Year**
67281000 **1.0**

This course prepares students to apply technical knowledge and skills to lay out and shape stock and assemble projects. It stresses the safe use of a variety of machinery, hand and power tools. Students will produce projects which incorporate all joints and tools. **A lab fee is required.**

Furniture Design & Manufacturing (10 -12) **Year** **Prereq: Woodworking**
67289000 **1.0** **Approval: Teacher**

This is the second course in a sequence of courses. Students will learn to apply technical knowledge and skills to prepare and execute furniture design projects, assemble, finish, and repair furniture. It stresses the safe use of a variety of hand and power tools and machinery. Projects will incorporate all joints and tools. **A lab fee is required.**

Cabinetmaking & Millwork (10 -12) **Year** **Prereq: Furniture Design**
67285000 **1.0** **Approval: Teacher**

This course is the third in a sequence of courses. It prepares students to apply technical knowledge and skills to set up and operate industrial woodworking machinery. Students learn to use machinery to design and fabricate custom cabinets and architectural millwork. The course stresses the safe use of hand and power tools and machinery used in the production of millwork items. Cabinets are constructed, finished and installed as part of the course. **A lab fee is required**

Drafting & Design Technology (9 -12) **Year**
67424000 **1.0**

This is an introductory course in a sequence of courses that prepares students to use technical knowledge and skills to plan and prepare scale pictorial interpretations of engineering and design concepts. This includes instruction in the use of precision drawing instruments, sketching, drawing layout, geometric construction, orthographic views, and dimensioning. **A lab fee is required.**

CAD Drafting Technology (10 -12) **Year** **Prereq: Draft/ Design**
67425000 **1.0** **or Teacher Approval**

This is the second course in a sequence of courses. This course prepares students to apply technical skills and computer software and hardware to create graphic representations and simulations in support of engineering projects. It includes instruction in engineering graphics, two-dimensional and three dimensional engineering designs. Concepts in design or production drawing and orthographic drawing with dimensions are taught. **A lab fee is required.**

Architectural Drafting (11-12) **Year** **Prereq: Cad Drafting**
67426000 **1.0**

This is the third course in a sequence of courses. This course has an emphasis in architectural drafting. It prepares students to apply technical knowledge and skills to develop working drawings for architectural and related construction projects. This course includes instruction in basic layout

and designs, architectural blueprint interpretation, calculations of building materials, elevation drawing preparation and current building codes. **A lab fee is required.**

Intro To Health Science I (9 -12) Semester
67929000 .5

This course is designed to create an awareness of career possibilities in health care and inform students of the educational options available for health technology and health science programs. Introductory anatomy and physiology, medical terminology, medical ethics, diseases and disorders are covered in sufficient depth to prepare students for a health technology program or for more advanced information in Medical Anatomy & Physiology. **A lab fee is required.**

Introduction to Health Science (10-12) Year Graduation Requirement/CTE
679290001 combined with/ 1.0
Health (10 -12) 689010001

The Introduction to Health Science portion of the course is offered during 1st semester. This course is designed to create an awareness of career possibilities in health care and inform students of educational options available for health science programs. Introductory anatomy and physiology, medical terminology, medical ethics, diseases and disorders are covered in sufficient depth to prepare students for a health science program or for more advanced information in Medical Anatomy & Physiology. **A lab fee is required.**

Students will continue into the 2nd semester course that assists students in the continual development of skills needed to improve the quality of life. The course emphasizes the physical, social, and mental dimensions of people so that students become better consumers of health information. It offers students an opportunity to evaluate health practices, products and services.

Intro to Emergency (10 -12) Semester
Medical Services .5
67942000

This course provides students with advanced emergency medical information and skills. Career options in emergency medicine are explored. . **A lab fee is required**

Medical Anatomy & Physiology (10 -12)Year CTE/or 3rd year science credit
67939000 1.0

A full year competency based course that explores medical and health 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 Health Professions Academy. Students who complete the entire course fulfill the Health Graduation Requirement.

A lab fee is required.

Medical Terminology (11-12) Semester Concurrent Enrollment
67635000 .5

This semester course has been developed for those who have had medical anatomy and physiology and will give in depth training in the terminology used in the medical field. This course articulates with the SLCC and provides concurrent credit.

Sports Medicine (11-12)
68801000

Year
1.0

Approval: Teacher

This course will provide an introduction to treating sports-related injuries and exercise medicine. Areas of study include first aid, injury prevention principles, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sports psychology, and performance enhancement philosophies. **A lab fee is required.**

Biotechnology (11-12)
67928000

Year
1.0

CTE Graduation Credit
or Science Elective Credit

Prereq: Biology & Elem. Algebra

This course is 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.

Concurrent Criminal Justice
63610000 (11-12)

Semester
.5

CTE Graduation Credit
Approval: Teacher

This course will provide a thorough historical coverage of the field of criminal justice by recognizing significant past developments and by acknowledging the individuals who have already contributed to the study of criminal justice. The focus of this course will be contemporary issues.

*This course is taught at Highland High School.

Exploratory Work Based Experience **Year**
67330000 (11-12) **1.0**

Approval: CTE Coordinator

This program offers students the opportunity to identify career goals by exploring a variety of occupations through various work-based experiences. Activities are conducted at student-generated work sites. The CTE coordinator will provide supervision. **Simultaneous enrollment in a CTE skills class is required.** Registration by application only. CTE coordinator signature required. Credit may not be earned retroactively.

Related Work Based Experience
67331000 (11-12)

Year
1.0

Approval: CTE Coordinator

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.** Supervision by CTE Coordinator. Credit may **not** be earned retroactively.

Biology Agricultural (9 -12)
67927000

Year
1.0

Biology or CTE Graduation Credit
At: Highland High School

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.

CAREER AND TECHNICAL CENTER

ON and OFF CAMPUS SITES

Some of these classes are taken off campus at the district CTC Center. Transportation is provided for students to the CTE Center and back to Highland High School.

Administrative Procedures (9 -12) Semester
65250000 .5

Prereq: Word Processing Basic

This class provides students with an understanding of communication skills; management of time, finances, resources and records, current and upcoming technology and its impact on the business office; human relations and how to be professional in today's office. The dynamics of current and future office technology will be emphasized

Advertising (9 -12) Semester
65224000 0.5

This course is a broad look at the scope and history of the advertising business. Assignments will include instruction in the use of outdoor display advertising, television and radio advertising, newspaper and magazine advertising and the use of the internet as an advertising tool. Budgets, advertising sales and advertising design are but a few of the many areas covered in this class.

Biology Agricultural (9 -12) Year
67927000 1.0

Biology or CTE Graduation Credit

At: Highland High School

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.

Career Orientation & (9 -12) Semester
Exploration .5
67310000

This course will use the Life Prep curriculum developed by the Salt Lake City School District. Students will receive instruction on self awareness, career exploration, job skills, and independent living.

Chef Prep (Culinary Arts) (9-12) Year
67215000 2.0

At: Horizonte

Instruction and Training Center

This course prepares students for career opportunities in the food service and culinary arts industry. Students learn – and put into practice – the use of professional kitchen equipment and restaurant practices. Chef Prep includes students in the preparation and serving of catered events through the restaurant and catering service at Horizonte. Students learn quality food support for catering, bakery, restaurant, hospitality and fast food business operations. **This class meets every day at the end of the school day.**

**Companion Animal Science (9 -12) Semester
67239000 .5**

This course is designed to enhance students' basic understanding of companion animals-equine, feline and canine. A goal of this program is to promote respect and compassion for all species through education. The curriculum will cover a broad variety of areas including ethnology, zoology, career exploration, animal behavior, training and learning theories, genetics, and health care. Students will work in a classroom setting as well as hands-on experiences in animal related community education. This course is recommended for anyone interested in a career in an animal related field.

**Hospitality and Tourism (9 -12) Semester
67970000 .5**

Students enrolled in Travel and Tourism will learn a variety of subject matter necessary to pursue a career in the hospitality and travel industries. Subject matter includes: domestic/international geography, hospitality training, travel and tourism basics, data information processing, marketing/sales and computer reservation sales. On-site visits to local businesses give student first hand insight into this emerging industry.

**Nursery & Landscape (9 -12) Year At: Highland High School
Management 1.0
67416000**

This course prepares students to select appropriate material; design, install, produce and maintain interior and exterior landscapes. It also includes the maintaining of facilities and equipment. An important part of the course content is instruction on development and management of a horticulture business.

**Promotion (9 -12) Semester
65225000 .5**

This course provides students with an understanding of the principles of promoting products and personalities in today's marketplace. Human relations, communications, sales math, budgeting and promotional campaign design are all included in this fast paced class. Typical assignments will include elements of advertising, speech writing, use of media and product placement.

**Welding (9 -12) Year At: Highland High School
67249000 1.0**

Students learn basic welding techniques like metal cutting, MIG welding, stick welding and oxy/acetylene welding. Students 18 years old at the end of the class are able to take the American Welding Society (AWS) industry certification test and be ranked as an apprentice welder.

**3D Graphics and Animation (10 -12) Year Prereq: Computer Tech and
67419000 1.0 Multimedia Drawing, Graphic Arts
and other Art courses are
highly recommended.**

3D Graphics and Animation students will use 3D graphics software to produce 3D models and animations. The course will introduce students to 2D and 3D modeling, animation planning,

procedures for handling evidence and career opportunities in the law enforcement fields. This course follows the Salt Lake Community College curriculum.

*This course is taught at the CTC center.

Digital Photography (11-12) **Year** **Prereq:** Photo II or Photo I and
66224000 **1.0** portfolio

This class is an extensive look at the practices, equipment and techniques used in commercial digital photography. The class will focus on shooting styles for product photography, portraits, catalog and advertising photography. Adobe Photoshop will be explored in learning retouching, photo montage, glamour and photographic file preparation. Prerequisite: Photo II or Photo I and a portfolio.

Introduction to Forensic (10-12) **Semester**
Science **.5**
67914000

CSI – Salt Lake City! This class covers the importance of locating, collection and preservation of physical evidence at crime scenes. Included are crime laboratory techniques and services in the examination of evidence. It is recommended students take this class concurrently with (or after) Criminal Justice/Law Enforcement to get the maximum benefit from the class.

Introduction to Real Estate (10-12) **Semester**
67910000 **.5**

Students will be introduced to real estate basics that include the scope of the real estate business, contracts, deeds, mortgages, appraisals, and the sales and marketing process. Also included will be a study of ethics, customer relations, advertising and the media. Exposure to real estate terminology, forms and contracts will be part of this class. No prerequisite.

Law Enforcement (11 -12) **Semester**
63232000 **.5**

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.

Medical Assistant (11 -12) **Year** **Prereq:** MAP I and **Advanced**
67936000 **4.0** application is required

This course trains students to work in doctors' offices, clinics, and health maintenance organizations. Students learn to assist in the care and treatment of patients in both administrative and clinical procedures. Class requires a **\$40.00** fee **1:30 to 4:00 Daily**

EMT Basic Certification (11-12) **Year**
67942200 **1.0**

This class will prepare students to take the state EMT Basic certification test. Taught by EMS professionals from The Vital EMS Academy, the class will cover all phases of emergency health care from first response to emergency room procedures. The course work includes supervised ambulance ride-alongs and a job shadow in a hospital emergency room.

Barbering (11-12)
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Year
1.0

Barbering is a key component in the Cosmetology pathway. There are many jobs currently available in this field. Students will learn basic cuts, styling, shaving as well as small business practices. This course will give a student as many as 200 hours of classroom work towards a Barbering License. The balance of the hours can be completed in a lab situation at The Barber School.

Nail Technician (11-12)
67180000

Semester
1.0

Two Periods Every other Day

“Nail Technology is one of the fastest growing and most creative and rewarding and high-paying professions in cosmetology today.” In this course students will be introduced to the basics skills of nail technology. Students will learn theory and perform hands-on activities. Students will be responsible for supplies related to this course.

-Network + (10-12)
67292000

Year
1.0

Prereq. A+ Computer

This course enables students to prepare for the certification test in network support and administration. It teaches: technical abilities in networking administration and support, knowledge of media and topologies, and protocols and standards network implementation. It is a course in the Computer Network Technology strand of the Academy of Information Technology.

Nursing Assistant CNA (11 -12)
67933000

Year
1.0

This course teaches terminology, human anatomy/physiology, understanding of diseases, therapeutic communication skills, meeting the needs of the chronically ill, and an introduction to various health occupations

Workplace Skills (11-12)
Individual Internship
67342000

Semester
.5

Prereq: Registration by application and teacher approval

This curriculum emphasizes basic job skills and self-awareness. Course modules will include work success, critical thinking, quality control, applied math, safety, workplace economics, workplace ethics, and computer literacy. Students are at the work site during the class period except for a one-day classroom seminar every two weeks.

FINANCIAL LITERACY

Financial Literacy (11 -12)
65612000

Semester
.5

Graduation Requirement
beginning class of 2008

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.

Adult Roles & Financial Literacy (11 -12)**67238200****Year****1.0****.5 Career & Technical Education****.5 Financial Literacy**

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

MISCELLANEOUS**Life Preparation (9)****69239000****Semester****.5**

This course is designed to meet career planning and preparation. Students will be actively involved in all aspects of career/job opportunities and writing and updating of S.E.O.P's. (Student Educational Occupational Plan). **This class is highly recommended for all 9th graders.**

Peer Tutor SMH (9 -12)**69264000****Year****1.0****Elective Graduation Credit**

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.

Released Time (9 -12)**69901000****Year****0.0****No Graduation Credit****Prereq:** Parent permission

Upon the written request of the parent, students are released from school for up to one period per day to receive religious instruction off campus.

Teacher Aide (10 -12)**69190000****Office Aide (10 -12)****69201000****Year****1.0****Approval:** Office

Students assist the office staff by performing routine office procedures such as distributing mail, answering phones, assisting with the attendance procedure, etc. A student will be assigned to only **one period per day** as the following: Counselor Aide, Graphic Aide, Library Aide, Office Aide, Teacher Aide, etc.

Attendance Office Aide (10-12)**69202000**

Students assist the Attendance staff by performing routine office procedures such as answering phones, assisting with the attendance procedure, etc. A student will be assigned to only **one period per day**.

Library Aide (10 -12)
69204000

Year
1.0

Approval: Librarian

Learn library research and finding skills in order to be of help to other students. Help with book circulation, materials retrieval, clerical tasks, and routine housekeeping chores. A student will be assigned to **only one period per day**

Counselor Aide (10 -12)
69205000

Students assist the Counseling staff by performing routine office procedures such as distributing pink slips, answering phones. A student will be assigned to **only one period per day**

Graphics Aide (10 -12)
69206000

Year
1.0

Approval: Teacher

Designed for students who wish to spend one period each day assisting with work in the media center. A student will be allowed to enroll in **one and only one period per day**.

Drivers Education (9-10)

Semester
.5

69238000 (First Semester 15 years old before February 1, 2007)

Drivers Education (9-10)

Semester
.5

69240000 (Second Semester 15 years old before July 1, 2007)

At the conclusion of this class students will be prepared to meet State requirements for their drivers license.

Concurrent Orientation to (10 -12)
Education 67343000

Year
1.0

At: West High School

This course will cover teaching as a career; challenges and rewards; history; philosophies; social issues; legal issues; job availability; and governances. This course is a preparation for acceptance into a teacher education program.

Stage Crew (10 -12)
67941000

Year
1.0

Approval: Teacher

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

THE FOLLOWING COURSES REQUIRE AN AUDITION IN THE SPRING

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

