

THE
RAM REGISTER

Volume 2

Highland High School

February 2012



2012-2013
COURSE DESCRIPTIONS

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 affirms that student success is the only option.

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COURSE DESCRIPTIONS

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HIGHLAND HIGH COUNSELORS (Assignments subject to change)

A-F: Karrie Jarratt

801-484-4343 x186 * karrie.jarratt@slcschools.org

G-L: Doreen Carey

801-484-4343 x243 * doreen.carey@slcschools.org

M-Q & IB students: Cheryl Benson

801-484-4343 x115 * cheryl.benson@slcschools.org

R-Z & AVID students: John Vallentine

801-484-4343 x151 * john.vallentine@slcschools.org

WELCOME!

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

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

STUDENT EDUCATION OCCUPATION PLAN (SEOP)

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

GRADUATION REQUIREMENTS WORKSHEET

1. REQUIRED COURSES/CREDIT: Current Grade: 9__ 10__ 11__ 12__

Credits Completed/Needed

LANGUAGE ARTS	___9th Grade	_____
4.0___/___	___10th Grade	_____
	___11th Grade	_____
	___12th Grade	_____

MATH	___9th Grade	_____
3.0___/___	___10th Grade	_____
	___11th Grade	_____
	___12th Grade	_____

SCIENCE	___9th Grade	_____
3.0___/___	___10th Grade	_____
	___11th Grade	_____
	___12th Grade	_____

SOCIAL STUDIES	___9th Grade	_____
3.0___/___	___10th Grade	_____
	___11th Grade	_____
	___12th Grade	_____

FINE ARTS	___9th Grade	_____
1.5___/___	___10th Grade	_____
	___11th Grade	_____
	___12th Grade	_____

P.E.	___9th Grade	_____
1.5___/___	___10th Grade	_____
	___11th Grade	_____
	___12th Grade	_____

CTE	1.0	List any CTE courses that may qualify you for the CTE Pathway Completer Award:
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COMP TECH	0.5	___ or Option: _____
FINANCIAL LIT	0.5	___ or Option: _____
HEALTH	0.5	___ or Option: _____
ELECTIVES	5.5	List elective courses taken or to be taken:

TOTAL CREDITS 24

**NOTE: Graduation requirements, including District Competencies are subject to change

MINIMUM ENROLLMENT:

- All students should be registered for eight periods of class instruction each semester.
- All students are expected to register for a minimum of three academic subjects (i.e. English, math, computer studies, science, social studies, and foreign language).

Check with your Counselor for details regarding College requirements and scholarships, especially if you plan to attend out-of-state.

GENERAL INSTRUCTIONS FOR REGISTRATION

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

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

TENTH GRADE STUDENTS: should register for Lanuage Arts, Math, World Civilizations, Science, and Health. Other courses required for graduation should be given priority (i.e. CTE, Fine Arts, PE, and Computer Technology).

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

TWELFTH GRADE STUDENTS: should register for Language Arts and any other unmet graduation requirement(s) to equal three core subjects. Other courses required for graduation, college admissions and career goals should be given priority. Students should consider taking Concurrent Enrollment and AP Courses. Students on track for graduation must register for at least 5 classes each semester not including Seminary or Home Release.

2. Read the course descriptions carefully to determine prerequisites, grade level, amount of credit, general description of the course, fees required, and special registration instructions.
3. Determine if the courses you select are taught for one or two semesters. The course descriptions in this booklet will identify how many credits are earned when the course is successfully completed.
Semester: .50 credits
Year (2 semesters): 1.00 credits
4. FEES. Many courses have fees associated with them. Please refer to the specific course description for details. For an example, the cost for all Advanced Placement (AP) Exams is \$87 and all students who register for an AP class are encouraged to take the exam.
5. Students should choose their classes carefully, because class changes will be granted ONLY ONCE a year. Class changes can be made for:
(a) Computer error
(b) Placement to more appropriate course level
(c) Request of administration
(d) To complete graduation requirements (seniors only)
(e) Failing grade in a prerequisite course
6. All class changes for the above reasons must be completed by the week before school starts or the end of semester one. AP & IB classes may not be dropped!
7. If a new student registers at Highland High, between the beginning of a term and two weeks prior to the end of the term, the student's Highland High teacher will take into consideration the work done at the student's previous school in determining the student's grade.
8. Students interested in early graduation should see their counselor for requirements at least one semester in advance.
9. Students interested in Work Credit or Internships should see the CTE Coordinator for a Work Credit registration materials.

SPECIALIZED PROGRAMS AT HIGHLAND:

Advancement Via Individual Determination (AVID)

AVID is an in-school academic support program that prepares students for college eligibility and success. AVID targets students in the academic middle (B, C and even D students) who have the desire to go to college and the willingness to work hard. These are students who are capable of completing rigorous curriculum but are falling short of their potential. AVID strives to serve underrepresented students (i.e.: first in their families to attend college, low-income, minority). This program supports students in an accelerated track. Applications are available in the Counseling Center.

English Language Learner (ELL)

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

International Baccalaureate Program (IB)

See explanation under "Choice Initiatives" in adjacent column.

Special Education (SPED)

Salt Lake City School District recognizes that students with disabilities have diverse educational needs. In order to provide an educational opportunity that is appropriate for students receiving special education, Salt Lake City School District has varied options for eligible students to access the general education curriculum. The student's Individualized Education Plan (IEP) determines the most appropriate option.

DEFINITIONS CONNECTED WITH COURSE TITLES:

Concurrent Enrollment

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

Honors

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

Advanced Placement (AP)

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

IB Courses specifically designated for students accepted into the IB program.

ADVANCED PLACEMENT (AP) CLASSES

The following list represents AP classes offered at Highland High School for 2012-13. Classes will carry only if the demand is great enough. All students signing up for AP classes are expected to commit to the class for the full year and expected to take the AP exam in the spring. College credit may be awarded to students who successfully pass the AP exam. Students should check to see if the college/university they plan to attend offers credit for AP classes and if so how much credit.
FEE for each AP exam: \$87

AP Art History (11-12)
AP Biology (10-12)
AP Calculus AB (11-12)
AP Calculus BC (11-12)
AP Chemistry (11-12)
AP English Literature and Composition (12)
AP English Language and Composition (11-12)
AP Environmental Science (10-12)
AP German (10-12)
AP Music Theory (11-12)
AP Physics (11-12)
AP Spanish (9-12)
AP Statistics (10-12)
AP Studio Art, (11-12) AP 2-D, AP 3-D, AP Drawing
AP US History (11-12)
AP World History (10-12)

CONCURRENT COLLEGE COURSES

Concurrent enrollment classes are a fantastic deal for high school students!! You can earn both high school credit and college credit at the same time! The credit cost savings is exceptional: Currently, at Salt Lake Community College, a 3 college credit course costs approximately \$402, plus \$100-200 in books fees; a 4 credit hour college class costs approximately \$524 plus \$100-200 in books and fees. As a Highland Junior or Senior, you pay the one-time \$40 registration fee, which also counts for your registration (up to a year after you graduate) if you decide to attend SLCC! Most Utah universities and colleges accept these credits as well. Some courses require a college textbook rental fee (\$25), which is not fee waiver-able, and qualifying pre-test scores, which is included in your registration cost. See individual course descriptions for more about this incredible value. For more information, contact the Counseling Center.

Concurrent Courses Offered at Highland High School

BioTechnology (BTEC 1010) -3 college credit hours/ 1 yr Science Elective or CTE
College Intermediate Algebra (MATH 1010) -4 college credit hours/ 1.25 yr Mathematics
Concurrent English (ENGL 1010) -3 college credit hours/ 1 yr Language Arts (sem class)
TV Broadcasting II (COMM 2200) -4 college credit hours

Offered at SLCS D Career & Technical Center

Aviation History (PLT 1050)
Law Enforcement (CJ 1010)
Private Pilot Ground School (PILT 1100)

SALT LAKE CITY SCHOOL DISTRICT CHOICE INITIATIVES

Under 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 (Highland High School)

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 Arts 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 counselor. 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 January of 8th grade. Students may also register for HPA in the ninth grade. Specialized HPA courses include: Medical Terminology, Introduction to Health Sciences, Medical Anatomy and Physiology, and Advanced Health Science I and II. Applications are available through school Career and Technical Education (CTE) Coordinators and your Counselor. This is a full-time program, and students accepted must attend East High. Students who are unable to transfer to East can take most of the above courses here at Highland as well. See Ann Hogensen for details, or call 801-484-4343 x286.

International Baccalaureate Program (Highland High School)

The IB Program at Highland High is for academically disciplined students who desire a curriculum that presents subject matter from a worldwide perspective. Students who are highly motivated and productive will benefit from this course of study. Students are admitted for 9th grade through an application process, which begins in November of 8th grade. Selection is based on grades, teacher recommendations, and evidence of motivation. Classes taken in the ninth and tenth grades are preparatory to beginning the IB courses in the 11th grade. Students who complete the IB Program at a standardized level of competency earn a high school diploma and the internationally recognized IB Diploma. Students may earn college credit and advanced standing at institutions of higher learning throughout the world. Students at Highland will move through IB courses in 11th and 12th grade as a small learning community, providing support and encouragement for each other.

Salt Lake Business Academy (East High School)

The Salt Lake Business Academy is an enriched, three-year academic program in business and finance for sophomores, juniors and seniors. The program focuses on business and finance; however, it is applicable to all students regardless of their career plans. Students may apply in their freshman year or thereafter. The purposes of the Academy are to 1) give students a taste of the business world through a variety of academic courses and real-world experiences, 2) teach personal skills in finance and computers, and 3) give students a head start in college by completing concurrent enrollment classes. Courses in the Business Academy include concurrent enrollment classes in Accounting, Marketing, Financial Planning, and Business Management. Other classes are also offered: Business Web Page Design, Business Communications I & II, Business Law and Accounting I. Applications are available from East High Business teachers.



Language Arts

Language Arts 9 YEARLONG # 6080100
Graduation Credit: 1.0 Language Arts 9

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

Language Arts 10 YEARLONG #60813000
Prerequisite: Language Arts 9
Graduation Credit: 1.0 Language Arts 10

The tenth grade language arts course continues the intensive practice and study of informational and literary writing. Students refine skills in preparation for reading and writing assessments.

Language Arts 10 Honors YEARLONG #60814000
Prerequisite: Approval: Current Teacher
Graduation Credit: 1.0 Language Arts 10

This is an advanced tenth grade course which offers students the opportunity to read and write functional, informational, and literary texts in preparation for a variety of reading and writing assessments. This course has greater depth and breadth than is found in the Language Arts 10 course and requires more work and more time from the student.

Language Arts 11 YEARLONG #60826000
Prerequisite: English 10
Graduation Credit: 1.0 Language Arts 11

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

Language Arts 11 Honors YEARLONG #60827000
Prerequisite: English 10
Language Arts 11 Graduation Credit 1.0

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 YEARLONG #60839000
Prerequisite: English 11
Graduation Credit: 1.0 Language Arts 12

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.

AP English Language 11 YEARLONG #60520000
Prerequisite: Approval Current Teacher & see below.
Graduation Credit: 1.0 Language Arts 11

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 YEARLONG #60530000
Prerequisite: Approval Current Teacher
Graduation Credit: 1.0 Language Arts 12

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

Concurrent English (11 -12) SEMESTER #60610000
Prerequisite: English 10 & CPT Test & Teacher Approval
Language Arts Graduation Credit 1.0

Development of critical literacies - reading, writing and thinking – using methods of knowledge-making. This class promotes awareness of rhetorical strategies as they apply to a variety of socio-cultural contexts. A semester class that satisfies Lang Arts 12 full year English credit. *The Language Arts Department strongly discourages this course for any student who has taken AP English Language. For students who have taken AP English Language, we recommend they continue their studies in AP English Literature.



Language Arts Electives

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

Creative Writing I (9 -12) YEARLONG #60901000
Graduation Credit : Elective 1.0

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

Creative Writing Adv. (11-12) YEARLONG #60902000
Graduation Credit : 1.0 Elective or Eng 12 Graduation Credit

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

Debate I (9 -12) YEARLONG #60921000
Graduation Credit 1.0 Elective

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

Debate Advanced (10 -12) YEARLONG #60922000
Prerequisite: Debate I
Graduation Credit: 1.0 Elective OR English 12

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

Journalism (10 -12) YEARLONG #60910000
Graduation Credit: 1.0 Elective

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

Technical & Professional Communication (12)
Graduation Credit: 1.0 Elective YEARLONG #00000000

The purpose of this course is to introduce students to technical and professional communication and its application to problem solving. Students will define and produce technical and professional communication. Students will use inquiry based learning to guide their critical reading and writing experiences. They will identify objectives, analyze audiences and produce oral and written communication within specialized genres to solve a problem. At all stages of the writing process students will work in teams to research, plan, draft, edit, review and revise their documents. Ethics, cultural awareness, and civic responsibility will guide research and decision making throughout the course.



Mathematics

Students must earn three (3) units of credit in mathematics. Highland High School's Mathematics Department recommends four years of mathematics. In order to assist in course selection, the following list of courses should provide some clarity:

Mathematics Courses

Secondary Math I (9) YEARLONG #61212000
Prerequisite: Pre-Algebra
Graduation Credit: 1.0 Mathematics

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

Secondary Math II (10) YEARLONG #61212400
Prerequisite: Secondary Math I
10th graders who have successfully completed Secondary Math I.

Geometry (9 -12) YEARLONG #61220000
Prerequisite: Grade of C or better in Elementary Algebra
Approval: Current Math Teacher
Graduation Credit: 1.0 Mathematics

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.

Secondary Math I Honors (9) YEARLONG #61212200
Prerequisite: Algebra I (all four terms)
Graduation Credit: 1.0 Mathematics

The purpose of Secondary Math I Honors is to formalize and extend the math students learned in the middle grades. Students in this course will deepen and extend their understanding of linear relationships, explore exponential phenomena, apply linear regression techniques to data, and use properties and theorems of congruent geometric figures. The final unit of this course will tie together the algebraic and geometric ideas the students have studied. This course, along with Secondary Math II Honors, and Secondary Math III Honors, will provide the depth and scope of math instruction that will prepare students to take an AP math class their senior year.

Algebra II (9-12) YEARLONG #61215200
Prerequisite: Grade of C or better in Geometry & Approval:
Current Math Teacher
Graduation Credit: 1.0 Mathematics

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.

Algebra II Honors (9-12) YEARLONG #61404000
Prerequisite: Grade of C in Geometry &
Approval Current Math Teacher
Graduation Credit: 1.0 Mathematics

In Honors Intermediate Algebra, students are introduced to inequalities and quadratic equations. They will apply their knowledge of linear and quadratic relationships by analyzing and synthesizing data to solve and rationalize real-world problems. This will be accomplished using procedures such as factoring, simplifying rational expressions, graphing, and solving equations and inequalities. Honors Algebra will also include topics such as functions, domain, intercepts, and complex numbers. Students are expected to learn at an accelerated pace and display a greater depth of thought in their written and spoken responses. An emphasis is placed on discovery and self-directed learning. Students will learn how to use technology tools, such as graphing calculators, to solve real-world problems presented in the course. A graphing calculator is recommended.

Pre-Calculus (9 -12) YEARLONG #61239000
Prerequisite: Grade of C or better in Geometry & Intermediate Algebra & Approval: Current Math Teacher
Graduation Credit: 1.0 Mathematics

This course uses complex numbers in the study of vectors, polar coordinates, arithmetic and geometry series, and extends functions to include exponential, polynomial regressions equations for these functions. Bivariate data will be studied to include regressions equations for these functions. Pre-Calculus fills the minimum requirement for college and is preparation for calculus. A graphing calculator is recommended.

College Prep Math (11 -12) YEARLONG #61216200
Graduation Credit: 1.0 Mathematics
Prerequisite: Grade of C or better in Algebra 2 & Approval:
Current Math Teacher

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

Introductory Calculus (11-12) YEARLONG #61242000
Graduation Credit: 1.0 Mathematics
Prerequisite: Grade of C or better in Calculus Prep or Pre-Calculus
Approval: Current Math Teacher

Introductory Calculus is a year-long course where students will develop a conceptual understanding of limits, derivatives, and integrals through discovery and applications. Students will study polynomial, radical, exponential, logarithmic, and rational functions with an emphasis on graphical analysis preparatory to the study of limits. Students will compare the concept of slope with the formal definition of the derivative as well as develop and apply different techniques of integration to model and solve a variety of problems. Students will survey the basic topics of calculus and demonstrate their application in a wide variety of fields. Students will explore calculus concepts through inquiry using technology and develop explicit methods to use calculus in applications.

Calculus (11-12) YEARLONG #61240000
Graduation Credit: 1.0 Mathematics
Prerequisite: Grade of C or better in Pre-Calculus
Approval: Current Math Teacher

In this course, students will study the branch of mathematics that deals with rates of change in continuous and varying quantities. The class will include exercises in the graphical, numerical, analytical and verbal representation of functions; rates of change and the use of derivatives to solve a variety of problems; and derivative and definite integrals as expressed in both parts of the Fundamental Theorem of Calculus. Students will communicate mathematical solutions both orally and with the written word; use technology to help solve problems, interpret results, and verify conclusions; and determine the reasonableness of solutions.

Mathematics (Continued)

AP Calculus AB (10-12) YEARLONG #61511000
Graduation Credit: 1.0 Mathematics
Prerequisite: B or better in Calculus Prep or Pre-Calculus
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 and selected applications. Emphasis is placed on preparing for the Advanced Placement test in Calculus AB. A graphing calculator (TI-83, 83+, 84, or 84+ preferred) is required for this course.

AP Calculus BC (11-12) YEARLONG #61512000/61242010
/paired with Introductory Calculus:
Prerequisite: C or Better in AP Calculus AB & Approval: Current Math Teacher
Graduation Credit: 1.0 Mathematics

Requires a thorough knowledge of the concepts of Trigonometry, College Algebra and Analytic Geometry. A study is presented of limits, differentiation, integration, differential equations, sequences, series and selected applications. AP Calculus BC is considerably more extensive than AP Calculus AB. Emphasis is placed on preparing for the Advanced Placement test in Calculus BC. A graphing calculator is highly recommended for this course.
*Double Period A Day & B Day. Students must sign up for both AP Calculus BC and both semesters of Calculus Math Lab.

AP Statistics (10-12) YEARLONG #61501000
Prerequisite: Grade of C or better in Intermediate Algebra & Approval: Current Math Teacher
Credit for Graduation: 1.0

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 1010 Concurrent (11-12) SEMESTER #61614000
Prerequisite: Intermediate Algebra and ACT
Concurrent 1.25 Math score of 18+ or a math score of 54+ on the CPT (College Test), in addition to TEACHER APPROVAL.

Concurrent 1010: Linear and quadratic equations, inequalities, 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 \$40.

Science

Biology (9 -12) YEARLONG #62211000
Approval: Science Teacher
Graduation Credit: Science

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

Biology Agriculture Science (9 -12) YEARLONG #67927000
Graduation Credit: Biology or CTE

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

Biology Honors (9 -12) YEARLONG #62411000
Approval: Teacher
Graduation Credit: 1.0 Science

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

AP Biology (10 -12) YEARLONG #62511000
Approval: Biology Teacher
Graduation Credit: 1.0 Science

This course provides in-depth coverage of the biological concepts taught in first year university biology courses, and prepares students for the national AP Biology exam. Students are required to attend an after-school lab twice per month. A lab fee is required.

Chemistry (9 -12) YEARLONG #62221000
Prerequisite: Grade of C or better in Elementary Algebra & Approval: Science Teacher
Graduation Credit: 1.0 Science

Chemistry includes the topics of atoms, energy, chemical bonds, chemical reactions and solutions. Students will develop an understanding of chemical concepts and determine the relevancy of chemistry in their lives. A lab fee is required.

CHEMISTRY HONORS (9 -12) YEARLONG #62421000
Prerequisite: Grade of C or better in Intermediate Algebra & Approval: Science Teacher
Graduation Credit: 1.0 Science

Honors Chemistry provides greater detail, mathematics based, coverage of content, which will include atoms, energy, chemical bonds, chemical reactions, and solutions. This course provides preparation for enrollment in AP Chemistry. A lab fee is required.

AP Chemistry (10-12) YEARLONG #62521000
Prerequisite: Honors Chemistry & Advanced Algebra & Approval: Science Teacher
Graduation Credit: 1.0 Science

Advanced Placement Chemistry provides in depth, mathematics-intensive coverage of the chemistry concepts that are taught in first year university courses. This course is designed to prepare students for the AP Chemistry exam. University of Utah laboratory course is strongly recommended. A lab fee is required.

Physics(9 -12) YEARLONG #62231000
Prerequisite: Grade of C or better in Elementary Algebra
Graduation Credit: 1.0 Science

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

Physics Honors (10 -12) YEARLONG #62431000
Prerequisite: Intermediate Algebra & Approval: Science Teacher
Graduation Credit: 1.0 Science

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) YEARLONG #62541000
Prerequisite: General Physics and Intermediate Algebra & Approval: Science Teacher
Graduation Credit: 1.0 Science

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) YEARLONG #67947000
Graduation Credit: Science or CTE

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

AP Environmental Science (10 -12) YEARLONG #62533000
Prerequisite: Biology/Chem or Physics
Graduation Credit: 1.0 Science

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.

Astronomy (10-12) YEARLONG #2271000
Prerequisite: Elementary Algebra
Graduation Credit: 1.0 Science

Astronomy is the study of the position, motion, composition, and history of objects in the universe and the physical laws that govern them. Topics include: scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our Solar System; planets; and the orientation and position of the Earth. Astronomy is the oldest of all sciences, but due to advances in technology, has never been more exciting than it is today. The second half of this course will explore the concepts and Science of Meteorology.

Biotechnology (11-12) YEARLONG #67928000
Prerequisite: Biology and Algebra
Graduation Credit: Science, Elective, or CTE

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. Upon successful completion students can earn 3 hours of college credit from the Salt Lake Community College. A lab fee is required.

Medical Anatomy & Physiology-(MAP) (10 -12) YEARLONG #67939000
Graduation Credit: 1.0 CTE, Health or 3rd Year Science

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 (.5 CTE & .5 Health).
A lab fee is required.

Zoology (10-12) YEARLONG #62251000
Prerequisite: Biology
Graduation Credit: 1.0 Elective

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

Social Studies

Geography for Life (9) SEMESTER #63902000
Graduation Credit: 0.5 Geography for Life

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) SEMESTER #63903000
Graduation Credit: 0.5 Geography for Life

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 YEARLONG #63923000/
Graduation Credit: 1.0 World Civilizations #63925000

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) YEARLONG #63536000
Prerequisite: Geography for Life
Graduation Credit: 1.0 World Civilizations, Social Studies, & Elective

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 YEARLONG #63221000

Graduation Credit: 1.0 U.S. History This is a general survey course, with major emphasis on the post-Civil War period. Part I will study topics to include the Civil War, reconstruction of the South, industrialization of the US and the labor movement, imperialism, the progressive era, and World War I. Part II will include the roaring twenties, the depression, World War II and the cold war, civil strife and the 1960s and the events of the 1970's and 1980's.

U S Government & Citizenship (9-12) SEMESTER #63205000
Graduation Credit: 0.5 Graduation Requirement

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

AP American History (11-12) YEARLONG #63521000
Approval: Dept. Chair
Graduation Credit: 1.0 U.S. History

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

AP European History (10-12) YEARLONG #63531000
Approval: Dept. Chair
Graduation Credit: 0.50 World Civilizations & 0.50 Social Studies Elective

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

Social Studies Electives

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

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



Social Studies Lives(Continued)

AP Art History (10-12) YEARLONG #66060000
Graduation Credit: 1.0 Fine Art or Elective

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



World Language

The World Language department at Highland High School 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) YEARLONG #64211000
Graduation Credit: 1.0 Elective

In this class we learn numbers, letters, some irregular verbs, telling time, ordering food, giving directions and other survival skills to help you manage if you visit France.

French II (9 -12) YEARLONG #64212000
1.0
Approval: Teacher signature required
Graduation Credit: 1.0 Elective

We continue building vocabulary in thematic units like professions, body, house, clothes, and learn more grammar. The majority of second year is learning about the past tense in all its applications, but we do learn the future tense in the spring.

French III (9 -12) YEARLONG #64213000
Approval: Teacher signature required
Graduation Credit: 1.0 Elective

In French III we don't have thematic chapters as much as in the lower levels. We do more speaking and the semester final is oral. We study topics such as: French speaking countries, current events, animals, and some advanced grammar like the imperfect, conditional, and subjunctive tenses (which might make sense to your parents). We also study different regions of France and have some cultural units and do more writing which is "creative."

French IV (10 -12) YEARLONG #64214000
Prerequisite: Grade of C or better in French III
Approval: Teacher signature required
Graduation Credit: 1.0 Elective

These levels are usually combined. We alternate subject matter from year to year, so you can continue on. One year we will study geography, history, art, and advanced grammar. The other year is an overview of French literature from 800 to the 21st century. Both courses require speaking and writing and continued study of grammar. IB students do their oral exam around early March of their senior year.

French V (11-12) YEARLONG #64215000
Prerequisite: French IV
Approval: Teacher signature required
Graduation Credit: 1.0 Elective

These levels are usually combined. We alternate subject matter from year to year, so you can continue on. One year we will study geography, history, art, and advanced grammar. The other year is an overview of French literature from 800 to the 21st century. Both courses require speaking and writing and continued study of grammar. IB students do their oral exam around early March of their senior year.

AP French (11-12) YEARLONG #64215800
Approval: Teacher
Graduation Credit: 1.0 Elective

AP French is a college-level course. Students will be provided a well-rounded exposure to speaking, reading, writing and listening skills. Native speakers should have teacher recommendation for this course.

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

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) YEARLONG #64222000
Approval: Teacher
Graduation Credit: 1.0 Elective

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) YEARLONG #64223000

Approval: Teacher
Graduation Credit: 1.0 Elective

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.

German IV (11-12) YEARLONG #64224000
Approval: Teacher
Graduation Credit: 1.0 Elective

AP German (10 -12) YEARLONG # 64226100
Prerequisite: Grade of C or better in German III
Approval: Teacher
Graduation Credit: 1.0 Elective

This course is designed in preparation for the AP German exam. 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) YEARLONG #64251000
Equivalent to Spanish I in Intermediate School
Graduation Credit: 1.0 Elective

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 speaking, reading, and writing skills. Verb conjugation and sentence structure is a must in this course. 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 II, III, or IV.

Spanish II (10 -12) YEARLONG #64252000
Approval: Teacher
Graduation Credit: 1.0 Elective

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 ensure the best placement. **Freshmen wishing to take Spanish II must obtain a signature from a Highland High Spanish teacher.

Spanish III (10 -12) YEARLONG #64253000
Approval: Teacher
Graduation Credit: 1.0 Elective

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 ensure the best placement. **Freshmen wishing to take Spanish III must obtain a signature from a Highland High Spanish teacher.

Spanish IV (10 -12) YEARLONG #64254000
Prerequisite: Spanish III
Approval: Teacher
Graduation Credit: 1.0

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. This course fulfills requirements for the Honors Diploma. Native speakers must have teacher recommendation to ensure the best placement.

AP Spanish (11-12) YEARLONG #64511000
Prerequisite: Spanish IV
Approval: Teacher
Graduation Credit: 1.0 Elective

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. 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.

VISUAL ARTS



Fine 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 #66041000
Graduation Credit: 0.5 Fine Arts

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 #66043100
Graduation Credit: 0.5 Fine Arts
Second Semester of Ceramics I. A lab fee is required.

Ceramics II (10 -12) SEMESTER #66042000
Prerequisite: Ceramics I or teacher approval
Graduation Credit: 0.5 Fine Arts

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 #66043200
Prerequisite: Ceramics I, Approval: Teacher
Graduation Credit: 0.5 Fine Arts
Second Semester of Ceramics II. A lab fee is required.

Ceramics III (11-12) SEMESTER #6604300
Prerequisite: Ceramics II or teacher approval
Graduation Credit: 0.5 Fine Arts

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 Arts Ceramics III (11-12) SEMESTER #66043300
Prerequisite: Ceramics II
Approval: Teacher
Graduation Credit: 0.5 Fine Arts
Second Semester of Ceramics III. A lab fee is required.

3-D Design (9 -12) (level 1) SEMESTER #66100000
Graduation Credit: 0.5 Fine Arts

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

Studio Arts 3-D Design (9 -12) SEMESTER #66100100
Graduation Credit: 0.5 Fine Arts
Second Semester of 3-D Design. A lab fee is required.

Applied Arts (9 -12) (level 2) SEMESTER #66044000
Prereq. 3-D Design
Graduation Credit: 0.5 Fine Arts

Applied Arts is a continuation of 3-D Design for students 10-12 grades. Applied Art provides a more in-depth view to fine crafts, their media and the cultures they represent. Studio production, history and critique will be stressed. Students will build portfolios and are encouraged to enter art shows. Students work with mixed media (fiber, beads, paint, etc.) to create art objects. A lab fee is required.

Studio Art Applied Arts (9 -12) SEMESTER #66045000
Graduation Credit: 0.5 Fine Arts

Second Semester of Applied Arts. A lab fee is required.

Art Foundations II (9 -12) L-1 SEMESTER #66207000
Graduation Credit: 0.5 Fine Arts

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

Studio Art Foundation II (9-12) SEMESTER #66207100
Graduation Credit: 0.5 Fine Arts

Second Semester of Art Foundation II. A lab fee is required.

Painting (10 -12) (level 2) SEMESTER #66208000
Prerequisite: Art Foundations II
Graduation Credit: 0.5 Fine Arts

Painting Class is for 10-12 grade students who have completed the Art Foundations II class in High School.
In



Fine Arts (Continued)

this class, students will use various painting media, techniques, and styles. We will paint with acrylics, oil, and watercolor, to create art in a wide range of subject matter. Students will learn techniques from different time periods and incorporate what they learn into their work. Art critique will be a part of each painting assignment. A lab fee is required.

Studio Art Painting (10 -12) SEMESTER # 66208300
Prerequisite: Painting
Graduation Credit: .05 Fine Arts
Second Semester of Painting. A lab fee is required.

Advanced Art (10-12) (Level 3) SEMESTER #66202000
Prerequisite: Teacher approval
Graduation Credit: 0.5 Fine Arts

Advanced Art is for 10-12 grade students who have completed Art Foundations II in High School. In this class, students will work to complete the 'breadth' portion of the AP Drawing portfolio. There will be a wide variety of assignments and media used. Students will strengthen their painting and drawing abilities and must be prepared to work each class period. Specific time periods and art techniques will be emphasized and critique will be a part of each assignment. A lab fee is required.

Studio Art Advanced(10-12) SEMESTER #66202300
Prerequisite: Teacher approval
Second Semester of Advanced Art. A lab fee is required.
Graduation Credit: 0.5 Fine Arts

Design and Visual Communications (level 1) (9 -12) YEARLONG #67421000
Graduation Credit: 1.0 Fine Arts or CTE

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 (level 2) (9 -12) YEARLONG #67423000
Prerequisite: Design /Visual Comm., Approval: Teacher
Graduation Credit: 1.0 Fine Arts or CTE

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. Students begin to develop a professional portfolio. A lab fee is required.

Visual Communication & Industrial Design (level 3)(10 -12) YEARLONG #67422000
Prerequisite: Design /Visual Comm.
Approval: Teacher
Graduation Credit: 1.0 Fine Arts or CTE

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) YEARLONG #66209000
Approval: Pat Eddington
Graduation Credit: 1.0 Fine Arts or CTE

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

AP Studio Art 3D Design (10-12) YEARLONG #66209000
Approval: Carter Williams
Graduation Credit: 1.0 Fine Arts

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

AP Studio Art Drawing (10-12) YEARLONG #66209000
Approval: Jean Vandertooleen
Graduation Credit: 1.0 Fine Arts

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

AP Art History (10-12) YEARLONG #66060000
Graduation Credit: 1.0 Fine Arts

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

Basic Digital Photography (9-12) SEMESTER #6622370
Graduation Credit 0.50 CTE or Fine Arts

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations. Lab fee is required.

Basic Digital Photography (10 -12) YEARLONG #66223900
Graduation Credit: 1.0 CTE or Fine Arts

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations. Lab fee is required.

Advanced Commercial Photo (10 -12)YEARLONG #66224600
Prerequisite: Basic Film Photography, Basic Digital Photography
Graduation Credit: 1.0 CTE or Fine Arts

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of advanced digital and film photography. Instruction includes training in career opportunities, workflow, specialized camera equipment and accessories, memory devices, software operation, copyright, ethics, and legal issues as it applies to commercial and industrial needs, and photography business operations. Lab fee is required.

Film Making (9-12) SEMESTER #66102000
(Same as Video/Film Production I)
Prerequisite: None
Graduation Credit: 0.5 Fine Arts

Are you harboring an inner Steven Spielberg? Then take this class and learn all the ins and outs of pre-production, production, and post-production with hands-on assignments including use of cameras and professional editing software to create your very own video projects.

PERFORMING ARTS

Dance IA (9 -12) SEMESTER #66105000
Graduation Credit: 0.5 Fine Arts or Lifetime Activities

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

Dance IB (9 -12) SEMESTER #66106000
Prerequisite: Dance IA or audition
Graduation Credit: 0.5 Fine Arts or Lifetime Activities

Second Semester of Dance IA
Approval: Teacher

Dance IIA (9 -12) SEMESTER #66107000
Prerequisite: Dance IB or audition
Approval: Teacher
Graduation Credit: 0.5 Fine Arts or Lifetime Activities

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

Dance IIB (9 -12) SEMESTER #66108000
Prerequisite: Dance IIA or audition
Approval: Teacher
Graduation Credit: 0.5 Fine Arts or Lifetime Activities
This intermediate level dance course is Second Semester of Dance IIA.

Dance IIIA (10 -12) YEARLONG #66109000
Prerequisite: Dance IIB or audition
Approval: Teacher
Graduation Credit: 1.0 Fine Arts or Lifetime Activities

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

Dance IIIB (10 -12) YEARLONG #66110000
Prerequisite: Dance IIIA or Audition
Approval: Teacher
Graduation Credit: 1.0 Fine Arts or Lifetime Activities
This advanced level dance course extends the core standards and objectives presented in Dance IIIA.

Social Dance (10 -12) SEMESTER #66286000
Graduation Credit: 0.5 Fine Arts or Lifetime Activities

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) SEMESTER #66111000
Graduation Credit: 0.5 Fine Arts

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

Theatre Foundations II (9 -12) SEMESTER #66112000
Prerequisite: Theatre Foundations I
Graduation Credit: 0.5 Fine Arts

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 (10 -12) SEMESTER #66113000
Prerequisite: Theatre Foundations II
Approval: Teacher
Graduation Credit: 0.5 Fine Arts

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

Theatre Foundations IV (10 -12) SEMESTER #66114000
Prerequisite: Theatre Foundations III
Approval: Teacher
Graduation Credit: 0.5 Fine Arts

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

Play & Musical Production (9-12) YEARLONG #66276000
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

Chorus (9-12) YEARLONG #66240000
All voices no Audition
Graduation Credit: 1.0 Fine Arts

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

Men's Ensemble (9-11) YEARLONG #66116000
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

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

Ladies Ensemble (9-11) YEARLONG #66115000
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

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

Concert Choir (10-12) YEARLONG #66117000
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

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

MADRIGALS (11-12) YEARLONG #66249000
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

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

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

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

Concert Band (9 -12) (level 2) YEARLONG #66233000
Prerequisite: Year experience in band
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

The Concert Band open to: Flute, Oboe, Clarinet, Bass Clarinet, Alto Sax, Tenor Sax, Bari Sax, Trumpet, Horn, Trombone, Euphonium/Baritone, & Tuba. Students must be able to read music, have 2 years of experience on band instrument. Students will participate in the Pep Band at home football and basketball games & also at least 4 concert performances throughout the school year.



Fine Arts (Continued)

Symphony Orch (9 -12) (level 2) YEARLONG #66266000
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

Students must be able to read music and be technically proficient on their instrument. Students will participate in at least 4 concert performances and small group performances. Audition or approval.

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

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 (9 -12) YEARLONG #66234000
Prerequisite: Audition or approval
Graduation Credit: 1.0 Fine Arts

This course is for students playing: Alto Sax, Tenor Sax, Bari Sax, Trumpet, Trombone, Drum Set, Piano, Guitar and Bass Guitar. Must be able to read music & have 2 years of experience on a jazz band instrument.. Students will participate in at least 4 concert performances throughout the school year.

AP Music Theory (11 -12) YEARLONG #6654600
Approval: Teacher
Graduation Credit: 1.0 Fine Arts

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

PERFORMING ARTS ELECTIVES

Beginning Piano (9 -12) YEARLONG #66237000
Graduation Credit: 1.0 Fine Arts

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

Piano II (9 -12s) YEARLONG #66238000
Graduation Credit: 1.0 Fine Arts
Approval: Teacher

Students who have had at least a year of serious piano study. Students will dedicate at least 2 hours to practicing each week outside of class. Audition with Ms. Houston.



Health & Physical Education

PE Skills & Fitness (9 -11) YEARLONG #68201000
Graduation Credit: Graduation Requirement

This course will develop participation skills and techniques in a variety of individual and team sports and dance activities with emphasis on leadership, courtesy, respect, and fairness. 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) SEMESTER #68204000
Prerequisite: Participation Skills
Graduation Credit: 0.5 Lifetime Activities

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

Health (10 -12) SEMESTER #68901000
Graduation Credit: 0.5 Graduation Requirement

This one semester course assists students in the continual development of the 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.

Health & Intro to Health Science (10-12) YEARLONG #679290001
Combined with: Health (10 -12) /689010001
Graduation Credit: 1.0 graduation requirement or CTE

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) SEMESTER #68223000
Prerequisite: Participation Skills
First Semester
Graduation Credit: 0.5 Lifetime Activities

Body Conditioning (10-12) SEMESTER #68225000
Second Semester
Graduation Credit: 0.5 Lifetime Activities

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

BOY'S WEIGHT TRAINING:
Weight Training (9 -12) SEMESTER #68221000
First Semester

Graduation Credit: 0.5 Lifetime Activities
Approval: Coach Benson

Second Semester SEMESTER #68222000

Graduation Credit: 0.5 Lifetime Activities
Approval: Coach Benson
This course is designed for those athletes who require a highly specialized and individualized program for any specific sport training.

Athletics (10-12)
Graduation Credit: 0.5 SEMESTER #68908000
First Semester - See Coach Benson

Second Semester - See Coach Benson SEMESTER #68909000
Graduation Credit: 0.5

Athletics (10-12)
Graduation Credit: 0.5 SEMESTER #68908100
First Semester - See Coach West

Second Semester - See Coach West SEMESTER #68909100
Graduation Credit: 0.5

GIRL'S WEIGHT TRAINING:
Aerobics & Body Conditioning (10-12) SEMESTER #68227000
First Semester
Approval: Coach Benson

Advanced Participation & Skills (9-12)
Graduation Credit: 0.5 Lifetime Activities
Second Semester: See Coach Benson SEMESTER # 68210000

This course is designed for those athletes who require a highly specialized and individualized program for any specific sport training.
Graduation Credit: 0.5 Lifetime Activities



Career & Technical Education

CAREER & TECHNICAL EDUCATION PATHWAY COMPLETER
AWARD



The Career Pathway Completer Award is for students who earn 3 credits of "C" or better in a career pathway. This medallion goes great with either black or white graduation gowns!! See Pathways below for qualifying courses, and see your counselor or CTE Coordinator for an award application.

CTE COURSES

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

AGRICULTURE EDUCATION PATHWAY

Biology Agricultural Sci.(9 -12) YEARLONG #67927000
Location: Highland High
Graduation Credit: 1.0 Biology or CTE

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

Nursery & Landscape Mgmt (9 -12) YEARLONG #67416000
Location: Highland High
Graduation Credit: 1.0 CTE

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.

Off-campus Course

Companion Animal Science (9 -12) SEMESTER #67239000
Location: CTC
Graduation Credit: .5 CTE

This class is a look at the relationships between humans and their animals. Training techniques are discussed for guide dogs, search and rescue, show animals, police & military dogs and companion animals. By invitation only, a special section of this class is partnered with Guide Dogs for the Blind and involves raising specially bred puppies to become service animals.

BUSINESS & MARKETING PATHWAY

Computer Technology (9 -12) SEMESTER #65209000
Prerequisite: Keyboarding 25 wpm Location: Highland High
Graduation Credit: .5 Computer Tech Grad Requirement

This required course provides competency in using word processing, spreadsheet, and electronic presentation software applications. Students will also gain an understanding of file management, computer basics, ethics, Internet resources, and electronic mail. Students will demonstrate software skills by creating a cross-curricular project.

Computer Technology II (10-12) SEMESTER #65209200
Prerequisite: Successful completion of Computer Tech or its equivalent.

Graduation Credit: .5 CTE Location: Highland High

Going beyond the required Computer Technology course, Computer Technology II is for students who enjoy using Microsoft Office programs and want to build advanced skills in Word, Excel and PowerPoint, and also become acquainted with Access. This course prepares students for internships, employment, industry certifications, and Sterling Scholar recognition.

Desktop Publishing (10 -12) SEMESTER #65218000
Prerequisite: 25 wpm Location: Highland High
Graduation Credit: .5 CTE

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.

Word Processing Basic (9-12) SEMESTER #67303000
Location: Highland High Graduation Credit: .5 CTE

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 Basic w/Computer Tech (9-12) YEARLONG
Location: Highland High #673030001/65209000
Graduation Credit: .5 Elective, .5 Computer Tech

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.

Yearbook/Desktop Publishing I & II (11-12) YEARLONG
#65218000/#65218200

Prerequisite: Spring tryout, Teacher Approval
Location: Highland High Graduation Credit: 1.0 CTE

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

COMMERCIAL AIR PILOT PATHWAY

Off-campus Courses

Private Pilot Ground School (11-12) SEMESTER #67414800
Concurrent Enrollment
Location: CTC
Graduation Credit: .5 CTE, + College Credit

This course is a study of aviation fundamentals, principles of flight, aircraft and engine operations, weather, navigation and radio communications as required by FAA regulations. Students will be prepared to begin flight training after this course.

Aviation History (11-12) Conc Enroll SEMESTER #67414300
Location: Highland High
Graduation Credit: .5 CTE,

The history of aviation from the earliest times through the modern jet age will be covered. Students will discover significant aviation developments and how they came about.

Aviation Weather (11-12) Conc Enroll SEM #67414500
Location: Highland High
Graduation Credit: .75 CTE,

This course will introduce students to the effects of weather on aviation. Specific emphasis will be placed on weather information available to a pilot and how it is used.!!

**FAMILY & CONSUMER SCIENCES
PATHWAY****CHILD & FAMILY LIFE****Adult Roles & Financial Literacy (11 -12) YEARLONG**

Location: Highland High #67238200
Graduation Credit: .5 CTE & .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 financial literacy graduation requirement. FCCLA student leadership organization may be an integral part of the course.

Child Development (9 -12) SEMESTER #67237000

Location: Highland High
Graduation Credit: .5 CTE

This course provides 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

Early Childhood Ed. I (10 -12) YEARLONG #67225600

Location: Highland High
Graduation Credit: 1 CTE

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 component of the course. FCCLA student leadership organization may be an integral part of the course.

Early Childhood Ed. II (11 -12) YEARLONG #67225700

Prerequisite: Child Development, or Early Chldhd Ed I, or Teacher approval
Graduation Credit: 1.0 CTE (Day Care) Location: Highland High

This course will emphasize the practical application and knowledge gained in Early Childhood Ed I and Child Development. Students will learn the care of infants, toddlers and preschoolers. This course will prepare students for employment in the child-care profession and successful parenting. Students will work in the Day Care at Highland High School. FCCLA student leadership organization may be an integral part of the course.

FOOD & CULINARY ARTS**Food & Nutrition I (9 -12) SEMESTER #67193000**

Location: Highland High

Graduation Credit: .5 CTE, 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. Take this course if you are interested in making and eating delicious foods. 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

Prerequisite: Food & Nutrition I Location: Highland High
Graduation Credit: .5 CTE

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. We study (and cook) pastries, meat, poultry, knife skills, mother sauces, soups, casseroles, yeast breads, etc. Take this course if you are interested in making and eating delicious foods. 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) YEARLONG #67190000

Prerequisite: Foods and Nutrition I & II, Teacher Approval
Graduation Credit: 1.0 CTE Location: Highland High

Students will continue to be trained for employment in restaurants. We study and cook soups, stocks, sauces, potatoes, grains, fruits, vegetables, etc. ProStart I & 2 are taught in alternating years. Hands on cooking is an integral part of this course. A lab fee is required.

Off-campus Course**Culinary Arts/Chef Prep (9 - 12) YEARLONG #67215000**

Location: Taught daily at Horizonte 1:2:30pm
Graduation Credit: 2.0 CTE

This course trains students for employment in Fine Dining. Students will learn the professional practices used in up-scale restaurants. Chef Prep students will also participate in catering events in the district and also be part of the service at the Home Plate Restaurant, a catered event venue located at Horizonte. Transportation provided to Horizonte, bus tokens provided to get home.

**INTERIORS, CLOTHING, &
FASHION DESIGN****Sports Sewing I/Clothing I & Clothing II (9 -12)**

YEARLONG #67195000/67192000

Location: Highland High
Graduation Credit: 1.0 (.5 CTE per class)

Students will learn the basics of sewing and the use of the sewing machine. Students will make a variety of projects, such as beanies, hoodies and back sacks. 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

Location: Highland High
Graduation Credit: .5 CTE

This course explores individual characteristics, personal fashion types and identifying trends and fads in fashion. 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. This is your introduction to the fashion industry!

Interior Design (9 -12) SEMESTER # 67901000

Location: Highland High
Graduation Credit: .5 CTE

This course teaches the elements and principles of design including line, shape, texture, color, rhythm, and balance. Students work with floor plans, color schemes, textures, fabrics, window treatments, and home furnishings. FCCLA student leadership organization may be an integral part of the course. A lab fee is required.

Interior Design II (9 -12) SEMESTER #67905000

Prerequisite: Interior Design Location: Highland High
Graduation Credit: .5 CTE,

Students build on what was learned in beginning interior design. This class begins with a quick review of principles and elements then moves on to design details, surface and window treatments, home furnishing, accessories, lighting, and architectural design. Use your creativity while learning to work in the exciting world of interiors!

**HEALTH SCIENCE & TECHNOLOGY
PATHWAY****Biotechnology w/Concurrent (11-12) YEARLONG #67928200**

Prerequisite: Biology & Elem. Algebra /67929900
Location: Highland High
Graduation Credit: 1.0 CTE or Science Elective & 3 College Science

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.

Intro to Health Science (9 -12) SEMESTER #67929000

Location: Highland High
Graduation Credit: .5 CTE

This course is designed to create an awareness of career possibilities in health care and inform students of the educational options available for health 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.

Health & Intro to Health Science (10 -12) YEARLONG #679290001

Location: Highland High /689010001
Graduation Credit: .5 Health Graduation Requirement & .5 CTE

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. 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. A lab fee is required.

Intro to Emergency Med Service (10 -12) SEMESTER #67942000

Location: Highland High
Graduation Credit: .5 CTE

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-(MAP) (10 -12) YEARLONG

Location: Highland High #67939000
Graduation Credit: 1.0 CTE, Health, or 3rd year science credit

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 (.5 CTE & .5 Health). A lab fee is required.

Advanced Health Science HL YEARLONG #67950500

Prerequisite: MAP, Teacher Approval
Location: Highland High Graduation Credit: 1.0 CTE

Students in this class are typically headed to a career in medicine. Spring semester is spent in community service in the Health Professions field. Classroom and field hours will be arranged by the instructor.

Medical Terminology (9-12)

Location: Highland High

SEMESTER #67630000

Graduation Credit: .5 CTE

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.

Exercise Science/Sports Medicine (11-12) YEARLONG

#68801000

Location: Highland High School
Graduation Credit: 1.0 CTE

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.

Off-campus Courses**Certified Nurse Assisting (11 - 12) YEARLONG #67933000**

Prerequisite: MAP Location: CTC
Graduation Credit: 1.0 CTE

Students will learn routine nursing skills to service patients in a hospital or long-term care facility. Students completing the CNA course will be prepared to take the state CNA Certification exam. This license will facilitate employment in a hospital and future educational opportunities in health science.

EMT Basic Certification (11 - 12) SEMESTER #67942200

Location: CTC
Graduation Credit: 1.0 CTE (double period)

This class will prepare students to take the state EMT Basic certification test. Taught by EMS professionals from K&B Emergency Training, 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.

Medical Assistant (12) YEARLONG #67936000

Prerequisite: MAP & application is required, see CTE Coordinator
Location: CTC Taught Daily 1-3:30
Graduation Credit: 4.0 CTE

This course prepares students to take the state test for a Medical Assisting license. The class covers skills needed to work in a doctor's office or other care facility. Records keeping, blood drawing, injections and much more are covered in this class. Students meet daily from 1:00 to 3:30, students need own transportation home from CTC. \$40 materials fee.

INFORMATION TECHNOLOGY PATHWAY**Off-campus Courses****3D Graphic (9-12) SEM #67419300**

Location: CTC
Graduation Credit: .5 CTE

Multimedia Drawing, Graphic Arts and other Art courses are highly recommended. Students learn the techniques of computer-generated imaging. These skills are used in video game design and special effects infilms. A history of animation is also included.

3D Graphic Advanced (10-12) SEMESTER #67419300

Prerequisite: 3D Graphics & Animation Location: CTC
Graduation Credit: .5 CTE

Students enrolled in Advanced 3-D classes will continue to develop skills related to the gaming and animation industries. Character development, bi-pedal work and background art are stressed.

3D Animation (10-12) SEMESTER #67419200

Prerequisite: 3D Graphics
Location: CTC
Graduation Credit: .5 CTE

Computer Tech, Multimedia Drawing, Graphic Arts, 3D Graphics, and other Art courses are highly recommended. A Continuation of the processes learned in 3-D Graphics, 3-D Animation puts the characters and objects produced into motion.

3-D Animation Advanced (10-12) SEMESTER #67419200

Prerequisite: Adv 3D Graphics Location: CTC
Graduation Credit: .5 CTE

A continuation of Advanced 3D Graphics (should be taken sequentially) where students will put advanced graphic and animation techniques into practical application.

Comp Maint Tech A+ (9-12) SEMESTER #67291000

Prerequisite: Word Processing Basics
Location: CTC
Graduation Credit: .5

Students will learn the basic technical skills needed to support computer systems. This class prepares students to take the A+ certification.

Network + (10-12) SEMESTER #67292000

Prerequisite: A+ Computer
Location: CTC
Graduation Credit: .5 CTE

A year-long course in computer networking skills. Students learn to install, configure and troubleshoot networking hardware and protocols. This class prepares students to take the Comp TIA Network + exam.

Computer Programming I (9 - 12) YEARLONG #65274000
Location: CTC
Graduation Credit: 1.0 CTE or 4th year Math

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

SKILLED & TECHNICAL SCIENCES PATHWAYS

1. COMMUNICATION

Television Broadcasting I (9-12) SEMESTER #67272200
Location: Highland High
Graduation Credit: .5 CTE

Welcome to the wonderful world of television broadcasting! Did you know that Highland has an actual television studio and control room? And you can learn all you need to know to work in one including hands-on instruction. This course is designed to give students a basic understanding of live television production techniques such as camera-work, lighting, audio, scriptwriting, and other control room and studio positions. This class also covers commercial pre-production, production, and post-production. Successful completion of this course will allow you to take TV Broadcasting II which is where we produce and air Highland's live television news show—HTVS.

Television Broadcasting II - HTVS (10-12) YEARLONG #67272400
Location: Highland High
Prerequisite: Television Broadcasting I & Teacher Approval
Graduation Credit: 1.0 CTE
Optional: 4 hrs College Credit available #67274200- see teacher

This class is the crew for HTVS (Highland Television System). Students will take what they learned in TV Broadcasting I and put it to use in a workplace-like environment as we bring the news to the school. Additional instruction in news production coupled with classroom experience makes this the gateway class to the industry.

Video/Film Production I (TV Prod I) (9-12) SEMESTER #67270300
Location: Highland High
Graduation Credit: .5 CTE or Fine Arts

Are you harboring an inner Steven Spielberg? Then take this class and learn all the ins and outs of pre-production, production, and post-production with hands-on assignments including use of cameras and professional editing software to create your very own video projects.

Video/Film Production II (TV Prod II) (10-12) YEARLONG #67270700
Location: Highland High
Prerequisite: Television Production I & Teacher Approval
Graduation Credit: 1.0 CTE

This course is a follow-up to Video/Film Production I. Students will delve more deeply into the areas of camera operation, audio, lighting systems, pre-production, production, post production, visual effects, graphics, and copyright laws. Students will be studying the work of accomplished filmmakers as well as producing several original projects.

2. MECHANICS & REPAIRS

Small Engine Technician (9 -12) SEMESTER #6724600
Location: Highland High
Graduation Credit: .5 CTE

This course prepares students to maintain and repair small internal combustion engines used on portable power equipment such as lawn mowers, chain saws, rotary tillers, and motorcycles. The student will completely disassemble and reassemble an engine.

Intro to Automotive (10 -12) YEARLONG #67230400
Location: Highland High
Graduation Credit: 1.0 CTE

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

ASE Brakes/Steering & Susp. (10-12) YEARLONG #67792000/67798000
Location: Highland High
Brakes 1st sem/Steering & Susp. 2nd sem
Prerequisite: Intro to Auto, Approval: Teacher
Graduation Credit: .5 & .5 CTE

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.

ASE Engine Performance (11 -12) YEARLONG #67796000
Prerequisite: ASE Brakes/ASE St. & Sus.Approval: Teacher
Location: Highland High
Graduation Credit: 1.0 CTE

his course is a continuation of ASE Brakes/Suspension & Steering, but with a greater in-depth study of servicing and maintenance of vehicles. A lab fee is required.

Auto Collision Repair RP (Beg) (9-12) YEARLONG #67235300
Location: East High
Graduation Credit: 1.0 CTE

Students learn repair of unibodies, fenders and frames. The class includes instruction in sheet metal prep, painting and finishing. The Automotive Service Excellence (ASE) test is the core of instruction in this class. Transportation provided. FEE: \$25 plus individual project costs

Auto Collision Repair NS (Adv) (10-12) YEARLONG #67234700
Prerequisite: Beg Auto Collision
Location: East High
Graduation Credit: 1.0 CTE

This class prepares students to repair automotive unit-bodies, fenders, and frames of automobiles. It includes instruction in body sheet metal preparation, painting and finishing. The Automotive Service Excellence (ASE) task list is the bases for the class. Transportation provided. FEE: \$25 plus individual project costs

3. PERSONAL SERVICES (Off-campus)

Barbering (11-12)-DBL PER SEMESTER #6714000
Location: CTC
Graduation Credit: 1.0 CTE

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.

Barbering II (11-12) DBL PER SEMESTER #67142000
Prerequisite: Barbering I
Location: CTC
Graduation Credit: 1.0 CTE

Advanced techniques of the Barbering skill set will be covered in this course. Client haircuts will be emphasized as students approach a professional level of Barbering.

Nail Tech A (10-12) DBL PER SEMESTER #67180200
Location: CTC
Graduation Credit: 1.0 CTE

An introductory look at the art, science, hygiene and personal service required in the manicure and pedicure business. Students learn to design and apply white tips, extensions and acrylics. Also covered is information on starting and running a personal small business. This course satisfies 100 hours of the 300 hours required for a state license in Nail Technology.

Nail Tech B (11-12) DBL PER SEMESTER #67180300
Location: CTC
Graduation Credit: 1.0 CTE

An extensive look at the art, science, hygiene and personal service required in the manicure and pedicure business. Students learn to design and apply white tips, extensions and acrylics. Also covered is information on starting and running a personal small business. This course, along with Nail Tech A satisfies another 100 hours of the 300 hours required for a state license in Nail Technology.

Welding

Welding Technician Entry (10 -12) YEARLONG #67249200
Location: Highland
Graduation Credit: 1.0 CTE

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.

Welding Technician Advanced (11-12) YEARLONG #00000000
Location: Highland
Prerequisite: Weld. Tech
Graduation Credit: 1.0 CTE

A program with a sequence of courses that prepares individuals to apply technical knowledge and skill to use current welding processes, including robotics welding. These courses are based on the American Welding Society (AWS)

Woods

Woodworking (level 1) (9 -12) YEARLONG #67281000
Location: Highland High
Graduation Credit: 1.0 CTE

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 (level 2) (10 -12) YEARLONG #67289000
Location: Highland High
Prerequisite: Woodworking, Teacher Approval
Graduation Credit: 1.0 CTE

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 (level 3) (10 -12) YEARLONG #67285000
Location: Highland High
Prerequisite: Furniture Design, Teacher Approval
Graduation Credit: 1.0

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

5. PROTECTIVE SERVICES Off-campus Courses

Law Enforcement (9-12) SEMESTER #632320000
Location: CTC
Graduation Credit: .5 Elective

An introductory class in the field of law enforcement, this class covers career opportunities in the field of local, state and federal law enforcement. Areas explored in this class include an extensive look at the law and how it is enforced.

Criminal Justice Concurrent (11-12) SEMESTER #63620000
Location: CTC
Graduation Credit: .5 CTC, 3 hours college credit\

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.

Forensic Science (10 - 12) SEMESTER #67914000
Location: CTC
Graduation Credit: .5 CTE,

CSI Salt Lake City!! Students learn the latest techniques in crime scene management and safety. The course covers protecting a crime scene, collecting evidence and analyzing evidence gathered on location. Topics covered are finger print processing/analysis, plaster casting, hair/fiber typing and blood splatter analysis.

Fire Science Intro (11 - 12) SEMESTER #67944800
Location: CTC
Graduation Credit: .5 CTE,

The Fire Science I courses will prepare individuals to perform the duties of a firefighter. Instruction includes training in safety, fire-fighting, equipment operation, maintenance, and the principles of fire science.

Fire Science-Certification (11 - 12) SEM #67945000
Location: CTC
Pre-requisite: Fire Science I
Graduation Credit: .1.0 CTE

The Fire Science Certification courses will prepare individuals to certify for the state firefighter exam. It will be taught daily for 1 class period during second semester. Students may take this class after successfully passing the Fire Science I course.

6. VISUAL ARTS Commercial Photography

Basic Digital Photography (9 -12) SEMESTER #66223700
Prerequisite: Basic Film Photography Location: Highland High
Graduation Credit: .5 CTE or Fine Arts

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations. Lab fee is required.

Basic Digital Photography (10 -12) YEARLONG #66223900
Graduation Credit: 1.0 CTE or Fine Arts

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of digital photography. Instruction includes training in specialized camera and equipment operation, software usage, maintenance, applications to commercial and industrial needs, and photography business operations. Lab fee is required.

Advanced Commercial Photo (11 -12) YEARLONG #66224600
Location: Highland High
Prerequisite: Basic Film Photo and Basic Digital Photo
Graduation Credit: 1.0 CTE or Fine Arts

This course is part of a sequence of courses that prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of advanced digital and film photography. Instruction includes training in career opportunities, workflow,



CTE (Continued).

specialized camera equipment and accessories, memory devices, software operation, copyright, ethics, and legal issues as it applies to commercial and industrial needs, and photography business operations. Lab fee is required.

Off-campus Course

Digital Photography (9 - 12)

Prerequisite: Basic Digital Photo

Graduation Credit: .5 CTE,

This course covers capture, editing and printing of digital photographic images. Subjects covered include topics typically used in the field of commercial photography; portraits, catalogue, sports and others. An emphasis on Adobe Photoshop image editing software is part of this career related class.

SEM #62237000

Location: CTC

Visual Design & Commercial Art

Design & Visual Comm Art I (9 -12) YEARLONG #67421000

Location: Highland High

Graduation Credit: 1.0 CTE or Fine Arts.

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.

Vis. Comm: Commercial & Advertising -Art II (9 -12)

Location: Highland High

YEARLONG #67423000

Prerequisite: Design/Visual Comm, Teacher Approval

Graduation Credit: 1.0 CTE or Fine Arts

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. Students begin to develop a professional portfolio. A lab fee is required.

Visual Comm: Indust Design-Art III (10 -12) YEARLONG

Location Highland

#67422000

Prerequisite: Design /Visual Comm. Approval: Teacher

Graduation Credit: 1.0 CTE or Fine Arts

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.

7. TECHNOLOGY & ENGINEERING PATHWAY

Physics with Technology (9 -12) YEARLONG #67947000

Location: Highland High

Graduation Credit: 1.0 Science or CTE

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

WORK-BASED LEARNING EDUCATION

Related Work Experience (11-12)

SEM/YR #67331000

Prerequisite: must have a job, CTE Coordinator Approval

Graduation Credit: up to 2 cred max. Elective

Location: at your job site

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

Career Internship (Critical Workplace skills) (11-12) SEM/YR

Location: Highland and internship site

#67342000

Prerequisite: Have completed or be willing to complete foundation CTE course in internship area.

Must have own transportation to and from internship

Graduation Credit: .5-1.0 Elective

This course is an excellent alternative to Home Release and is available for eligible juniors and seniors. Each semester students will spend approximately 54 hours off-campus at an internship site, and approximately 24 hours in-class working on the job application process, goal setting, teamwork, positive habits, etc. In the internship students will work with professionals in an industry to get a good idea of the career and the requirements to enter that career. Students will need to have a specific interest in a career path and be involved in classes that support the internship. This course gives students a competitive edge when they graduate from high school. The experience gained in this class can be added to job, college, and scholarship applications. The class will also give students a better idea of what careers they want to pursue after graduation. Talk to your counselor about registering for Career Internship (Critical Workplace Skills) today.

TEACHER EDUCATION

Off-campus Course

Orientation to Education (11-12) YEARLONG #67348000

Concurrent Enrollment



Additional Required Courses

Location: CTC

Graduation Credit: 1.0 Elective + college credit

Have you thought about becoming a teacher? This course will cover teaching as a career; challenges and rewards; history; philosophies; social issues; legal issues; job availability; and governance. This course is a preparation for acceptance into a teacher education program.

The following three courses are required by the State of Utah for graduation. Optional combined classes are included below:

1. Computer Technology (9 -12) SEMESTER #65209000

Prerequisite: Keyboarding 25wpm

Graduation Credit: .5 Computer Tech Graduation Requirement

This required course provides competency in using word processing, spreadsheet, and electronic presentation software applications. Students will also gain an understanding of file management, computer basics, ethics, Internet resources, and electronic mail. Students will demonstrate software skills by creating a cross-curricular project. A lab fee is required.

OPTION:

Word Processing Basics w/Comp Tech (9-12) YEARLONG

#673030001/65209000

Graduation Credit: .5 CTE & .5 Comp Tech

This year-long class provides a foundation in keyboarding and computer usage during Semester 1 and flows directly into Computer Technology in Semester 2. A good class for students who need extra help with keyboarding skills. A lab fee is required.

2. Financial Literacy (11 -12) SEMESTER #65612000

Graduation Credit: .5, Financial Lit Graduation Requirement

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

OPTION:

Adult Roles & Financial Literacy (11 -12) YEARLONG

#672382000

Graduation Credit: Financial Lit .5 & CTE .5

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.

3. Health

Health (10 -12)

SEMESTER #68901000

Graduation Credit: Health Graduation Requirement .5

This 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.

OPTION 1

Introduction to Health Science w/Health (10 -12)

YEARLONG

#689010001/679290001

Graduation Credit: .5 Health Requirement & .5 CT

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.

OPTION 2

Medical Anatomy & Physiology (10 -12) YEARLONG #67939000

Graduation Credit: .5/1.0 CTE, .5 Health, or 3rd year Science credit

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. Students who complete the entire course fulfill the Health Graduation Requirement. A lab fee is required.



IB Program Courses

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

IBMath Studies SL(11-12)

YEARLONG #61590000

Graduation Credit: 1.0, IB Math

This course is available at SL only. It caters to students with varied backgrounds and abilities. More specifically, it is designed to build confidence and encourage an appreciation for mathematics.

IB English HL (11-12)

YEARLONG #60593000

Graduation Credit: 1.0, IB Lang Arts 11/12

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

IB Biology HL (11-12)

YEARLONG #62514400

Graduation Credit: 1.0, IB Science

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

IB Chemistry SL (11-12)

YEARLONG #62522000

Graduation Credit: 1.0, IB Science

1.0

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

IB History of the Americas HL (11-12)

YEARLONG

Graduation Credit: 1.0, IB US Hist

#63063800

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

IB Theory of Knowledge (11-12)

SEMESTER #63900000

Graduation Credit: 0.5 IB Diploma

Theory of Knowledge (TOK) is central to the IB curriculum. Concepts developed in TOK are meant to aide students in their education, both in school and beyond. Students are challenged to reflect critically on diverse ways of knowing, and to consider the role that knowledge and knowledge acquisition play in their various classes, as well as in a global society. Questions are the essence of TOK, both ageless questions on which thinkers have been reflecting for centuries, as well as questions derived from modern challenges and ideals. Students will begin the course the second semester (beginning of third quarter) junior year and finish at the end of first semester (end of second quarter) of senior year.

IB French SL (11-12)

YEARLONG #64217200

Graduation Credit: 1.0, Elective

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

IB Spanish SL (11-12)

YEARLONG #64513200

Graduation Credit: 1.0, Elective

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

IB Music Theory SL/HL (11-12)

YEARLONG

#66547000/66547200

Graduation Credit: 1.0, IB Fine Arts

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

IB Visual Art SL/HL (11-12)

YEARLONG #665388000

Graduation Credit: IB Fine Arts 1.0

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



Miscellaneous

Peer Tutor SMH (9 -12)

YEARLONG #69264000

Elective Graduation Credit 1.0

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) YEARLONG #69901000
 No Graduation Credit
 Prerequisite: 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) YEARLONG #69201000
 Prerequisite: 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) YEARLONG #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.

Registrar Office Aide (10-12) YEARLONG #692020001
 Students assist the Registrar by performing routine office procedures such as filing, running slips, and assisting the registrar with other needs, etc. A student will be assigned to only one period per day.

Library Aide (10 -12) YEARLONG #69204000
 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) YEARLONG #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) YEARLONG #69206000
 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 # 69238000
 (First Semester 15 years old before February 1, 2012)

Drivers Education (9-10) SEMESTER #69240000
 (Second Semester 15 years old before July 1, 2012)
 At the conclusion of this class students will be prepared to meet State requirements for their drivers license.

Stage Crew (10 -12) YEARLONG #67941000
 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.

ROTC (9-12) YEARLONG #68282100



Credit 1.0 Elective

Concert Choir (10 -12) YEARLONG #66117000
 All voices, by Audition

Mens Ensemble (9-11) YEARLONG #66116000
 Men's voices, by Audition

Ladies Ensemble (9-11) YEARLONG #66116000
 Ladies voices, by Audition

Madrigals (11 -12) YEARLONG #66249000
 All voices, by Audition

Piano II (9-10) YEARLONG #66238000
 Audition

Symphony Orchestra (9-12) YEARLONG #66266000
 Students must be able to read music & be technically proficient on their instrument. Students will participate in 4 concert performances & small group performances. Contact Mrs. Pontious for audition requirements.

Dance Company (10 -12) YEARLONG #66285000
 Graduation Credit: 1.0, Fine Arts or Lifetime Activities
 Prerequisite: Audition
 Approval: Teacher

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

Pep Club (11) YEARLONG #68264000
 Prerequisite: Auditions

Service club organized to build school spirit and support school teams. In class and out of class time are spent learning marches and planning activities. Pep club does not fulfill the Participation Skills and Fitness or the Lifetime Activities graduation requirement.

Cheerleading II (10 -12) YEARLONG #68262000
 Prerequisite: Auditions
 Approval: Teacher

Students in this course will develop muscular strength and endurance, dance and tumbling skills, and proper spotting techniques necessary to perform cheerleading routines. Emphasis will be placed on developing individual leadership skills. This course is open only to 10th through 12th grade students who are members of the cheerleading squad.

Yearbook/Desktop Publishing I & II (11-12) YEARLONG #65218000/#65218200
 Location: Highland High
 Prerequisite: Spring tryout, Teacher Approval
 Graduation Credit: 1.0 CTE



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

The Following courses are available to Highland students, and are offered through the School for the Performing Arts.

Elements and Survey of Music (9-12) YEARLONG #66230000/662300005
 Graduation Credit: 1.0, Fine Arts Credit

Students will study the principals of melody, harmony, notation, and form to strengthen music skills. Students will learn about different genres and styles. This class prepares the student for further study in theory and musicianship

Classical Guitar (9-12) FULLYEAR #66902000/669020005
 Graduation Credit: 1.0, Fine Arts

Students will learn the basics of reading music in the first position, right and left hand technique, basic chords, strumming techniques, and finger style performance. Note: Guitar rental program available.

Ballet Dance IA/IB (9-12) YEARLONG #66105000/66106000
 Graduation Credit: 1.0 Fine Arts Credit

Discover kinesthetic awareness as relating to ballet technique and movement principles. Learn a substantial body of vocabulary in classical ballet technique. Increase technical ability through strength, flexibility and balance. Develop an appreciation for dance as an art form.

Jazz Dance IA/IB (9-12) YEARLONG #66105000/661060007
 Graduation Credit: 1.0, Fine Arts or Lifetime Activities

Jazz- Course covers the basic steps, vocabulary, and variations of jazz dance styles. Students learn basic technique through daily warm-ups. They also gain strength, flexibility, endurance, and coordination. Musicality and performance skills are taught through a series of dance combinations.

Acting I/II--Intro (9-12) YEARLONG #66111000/66112000
 Graduation Credit: 1.0 Fine Arts

An introduction to the basic methods of creating and developing realistic characters through truthful explorations of the "self" and the "text." A variety of acting methodologies are studied and practiced through interpretive and physical exercises, monologues, and scenes. Attendance at a number of performances is required with analytic response papers on productions attended

History of the Performing Arts--Intro (9-12) YEARLONG #661110005/661120005
 Graduation Credit: Fine Arts

An overview of the history of music, dance and theatre and where they overlap.