

LOGAN HIGH SCHOOL

Course Catalog



LHS

GRIZZLIES

2023-2024

www.loganhigh.org

Logan High School

Course Catalog

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General Registration Information

Accurate registration is important. It is the responsibility of the students and parents to check graduation requirements, course prerequisites, college entrance requirements, scholarship requirements, and NCAA requirements. Counselors, teachers, and administrators are available for consultation. Each student must register for a full schedule. Any exceptions must be made with the approval of parents, counselors, and administrators. Students who want to take religious instruction (release time) may do so on a non-credit basis. Concurrent Enrollment classes cannot be retaken. Classes listed in this course catalog that do not meet the minimum enrollment requirements will not be offered. The selection of teachers and period will be determined by the administration. Schedule changes will be made after official registration only if space is available and there are limitations on how many times a student's schedule may be changed. The LHS schedule change policy is further elaborated below.

Amended Class Schedule

All students are encouraged to maintain a full schedule of 8 class periods per semester. However, it is possible to have an amended schedule with administrative and parental approval. Students with an amended schedule **may not be** considered full-time. Students will only be welcome on campus during the time their classes are scheduled. Students who are not considered full-time **may not be eligible** for the following: Student Body Officers, Class Officers, Cheerleading, Song Leader, Girls/Boys League, Sports, Honor Roll, Honor Society, and other school activities. The administration and staff of Logan High School **do not recommend** that students spend instruction time as student aides.

Non-Discrimination Policy

It is the policy of Logan High School not to discriminate based on race, color, national origin, sex, handicap/disability, or religion in any program or activity. Students with disabilities will have equal access and opportunities to participate in all school programs and functions under the Americans with Disabilities Act.

Inaccurate Grades

If an inaccurate grade appears on a report card, it is the student's responsibility to inform the teacher and to verify with the Counseling Office that corrections have been made.

Concurrent Enrollment

Concurrent Enrollment (CE) classes give juniors and seniors at LHS an opportunity to earn college credit while continuing to work toward a high school diploma. The Concurrent Enrollment Program brings Utah State University and Weber State University courses to LHS's campus, enabling Logan students to enhance their high school experience while getting a head start on their university general education requirements. 3.0 GPA is recommended for enrollment in Concurrent classes, and some courses have specific pre-requisites. CE classes cannot be retaken at LHS. Note: Students enrolling for USU Concurrent Enrollment courses will be required to apply directly with USU for enrollment and pay corresponding admission fees. Please visit USU's CE website at <https://concurrent.usu.edu> for additional information. To avoid USU CE late fees, the application process should be done by May 1 of the year the class is taken. It is the students' responsibility to meet admissions and

add/drop deadlines set by USU.

Advanced Placement

The Advanced Placement (AP) program consists of college-level courses and exams for high school students. Courses are challenging, stimulating, require additional work, and give greater opportunity for individual progress and accomplishment. Students who enroll in AP classes are expected to take the final AP exam. Colleges and universities typically accept national AP scores of 3 and above for college credit. (Check each college/university for specific benefits of AP exams and credit acceptance.) The AP Exams will be administered over a two-week period in May, designated time assigned by AP. AP tests cost \$96 each, and students/parents are responsible to pay for them by December in preparation for the tests to be ordered. The school or supporting grants may help offset some of these costs, but that cannot be guaranteed.

Bridgerland Technical College

Technical education encompasses a tremendous variety of programs designed to equip students with career and life skills. The mission of Bridgerland Technical College (BTech) is to deliver competency-based, employer-guided career and technical education to both secondary and post-secondary students through traditional and technology-enhanced methodologies. This hands-on technical education provides occupational education, skills training, and workforce development to support the educational and economic development of the Bear River Region. These programs are open to sophomores, juniors, and seniors during the school year and the summer. Some courses may have age and pre-requisite restrictions.

Schedule and Class Changes

The Counseling Department will make every effort to ensure a student's College and Career readiness. Changing schedules and classes mid-term can disrupt student learning. Most classes are full and considered closed after the official registration period is completed. Schedule change requests may be denied based on class capacities, the student's schedule, and counselor and administrator discretion. The following are the guidelines and timeline for schedule changes:

Schedule Change Timeline

- August before school begins
 - Schedules are posted on Aspire
 - Students can submit schedule change requests electronically (details emailed to students and parents in August)
- Beginning of the new semester (August and January)
 - Students may request a change during the first 3 days of the semester
- After the third day of the semester
 - Schedule changes by appeal or petition only, for academic purposes such as:
 - Missing class(es)
 - Misplaced class level
 - Teacher recommendation
 - Updated graduation plan, IEP team decision, 504 plan accommodations
 - The schedule change appeal process requires the student to meet with the teacher and will require parent and administrator approval before the counselor can make a change.
 - Students may receive a "W" on their transcript for the exited class
- Weeks 6 - 9 of the term

- Schedule change requests are not permitted

Invalid Reasons for Schedule Change Appeals

- Teacher preference
- To be with friends
- Different lunch hour

Honor Roll

Students must be enrolled as full-time students. Students must have a semester GPA of 3.666 or higher. Students with incomplete grades will not be eligible for the honor roll.

National Honor Society

The objective of the National Honor Society is to create an enthusiasm for scholarship. An induction ceremony to the National Honor Society is held after the 1st semester of each school year. Any junior or senior who is a full-time student (7 out of 8 classes) and has a GPA of 3.800 is eligible for membership.

Utah Colleges/Universities Admission Standards

There are 10 public colleges and universities in Utah. Each school has different entrance requirements and admissions procedures. Please refer to the specific college or university for specific information and deadlines. Below are the general guidelines for college and/or universities in the state:

<u>SUBJECT</u>	<u>#YEARS</u>
English	4
Mathematics	3
Biological/Physical Science	3
American History	1
World Languages	2

The same language, taken during grades 7-12; required at the University of Utah. Recommended at other colleges/universities.

NCAA Initial Eligibility-College Sports

If you want to participate in NCAA college sports, you must be certified by the NCAA Clearinghouse. It is the students' and parents' responsibility to check NCAA eligibility requirements. NCAA Clearinghouse has several specific standards and requirements that students are required to obtain.

- As a Freshman start checking core class eligibility requirements with NCAA and register for LHS classes accordingly
- Register with the NCAA Clearinghouse in the fall of your Senior year. The website to register is www.ncaa.org
- Earn a GPA of at least 2.0 in core curriculum

The break-down of the core classes for Division I and II are as follows:

Division I

16 Core Courses:

- 4 years of English
- 3 years of Mathematics (Approved Math Class)
- 2 years of Science
- 1 year additional English, Math or Science
- 2 years of Social Science
- 4 years of additional courses (from any area above or world languages)

Division II

16 Core Courses:

- 3 years of English
- 2 years of Mathematics (Approved Math Class)
- 2 years of Science
- 3 years additional English, Math or Science
- 2 years of Social Science
- 4 years of additional courses (from any area above or world languages)

Logan High School Graduation Requirements

Graduation Requirements					
Subject	Credits	9th	10th	11th	12th
LANGUAGE ARTS	4	Language Arts 9 (1)	Language Arts 10 (1)	Language Arts 11 or AP (1)	Language Arts 12 or AP, CE or Electives (1)
SOCIAL STUDIES	3	Geography for Life (.5) or AP Human Geography (1)	World History or AP Euro (1)	US History or AP (1)	US Government (.5) or AP (1)
MATH	3	Secondary Math I (1) Secondary Math II Honors	Secondary Math II (1) Sec Math III Honors	Secondary Math III, Pre-Calculus, Calculus, Concurrent, AP, Electives (1)	
SCIENCE	3	Earth Science or Biology (1)	Biology, Chemistry, or Physics (1)	Chemistry, Physics, Applied or Advanced Science (1)	
FINE ARTS	1.5	Art, Dance, Music, Drama (1.5)			
PHYSICAL EDUCATION	1.5	Participation Skills and Techniques (.5)	Fitness for Life (.5)	Lifetime Activities (.5) or Participation in a full season of a sanctioned sport	
HEALTH EDUCATION	.5		Health Education II (.5)		
WORLD LANGUAGES	1	Portuguese, German, or Spanish (1)			
CAREER TECH ED.	1	Applied Technology (1)			
DIGITAL STUDIES	.5	Business Office Specialist (.5) OR Computer Science Principles (.5)			
GENERAL FINANCIAL LIT.	.5			Financial Literacy (.5) OR FCSE 1350 (.5)	
ELECTIVES	7.5	Interest or career-related classes to be completed during grades 9-12			
TOTAL CREDITS	27				

*Last revised 8/29/23

LANGUAGE ARTS (English)

4 - Credits Students must register for 1 credit per year. Senior classes integrate all areas of language arts study. Each course focuses on an area (time period, nationality, or genre) of literature and includes computer applications for thinking and writing.

AP - ADVANCED PLACEMENT ENGLISH LANGUAGE

(11-12 GRADE – FULL YEAR - 1 CREDIT)

Recommended: Students should come to this class able to demonstrate proficiency in the use of grammar, syntax, semantics, and foundational writing formats.

The AP English Language and Composition course is designed to help students become skilled, analytical readers of prose written in a variety of rhetorical and literary contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The literary selections for AP Language will include some of the works covered in the English 11 Lit/Comp course, with the addition of supplementary materials and selections. *Upon completion of the course, students can take the AP test to receive college credit.*

AP - ADVANCED PLACEMENT LITERATURE & COMPOSITION

(12 GRADE – FULL YEAR – 1 CREDIT)

This advanced course engages students in the careful reading and critical analysis of imaginative literature and includes intensive study of representative works from various periods and genres, concentrating on works of recognized literary merit such as *The Scarlet Letter*, *Frankenstein*, *Cyrano de Bergerac*, *All the King's Men*, *Their Eyes were Watching God*, *Death of a Salesman*, and/or others. Reading will also include various short stories, essays, and a multitude of poems. The reading is accompanied by thoughtful discussion and writing about the books, short stories, essays, and poetry in both class-wide and student-centered discussion groups. Writing assignments focus primarily on the critical analysis of the literature and developing stylistic maturity and include expository, argumentative, and narrative styles. Writing will include multiple full-process papers as well as shorter, timed essays. Students will also research and present classic and modern poets. *Upon completion of the course, students can take the AP test to receive college credit.*

CREATIVE WRITING

(10-12 GRADE – SEMESTER – ½ CREDIT)

In this course, students will create a portfolio of creative writing in genres and styles of their choice. Possible items that could be included in the portfolio are a novel, a novella, a collection of short stories, a collection of poetry, a play, a screenplay, a collection of essays, or any other item of creative writing that interests the student. Students will also participate in a peer edit and response group in which they will read and respond to the writing of their peers and get responses from their peers for their work. Students will also read and experience samples of creative writing from many different genres. Students will also keep a journal of creative writing practices that will be written in class. *Can count as a ½ year of Senior Language Arts 12 credit.*

DEBATE 1

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Students will develop analytical, critical thinking, and research skills as they learn the arts of interpretive, informative, and persuasive communication. Students will do extensive study on assigned topics taken from public issues found at the local, national, and world levels. Students will travel out of town with the debate squad and participate in speaking opportunities.

DEBATE 2

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Debate 1

Students will continue to develop analytical, critical thinking, and research skills as they learn the arts of interpretive, informative, and persuasive communication. Students will do extensive study on assigned topics taken from public issues found at the local, national, and world levels. Students will have multiple experiences in competitive forensics.

INTRO TO WRITING

(ENGL 1010 CE – 3 Credits USU)

(12 GRADE – SEMESTER – 1 CREDIT)

Prerequisite: Teacher Approval

Face to Face

Students learn skills and strategies for becoming successful academic readers, writers, and speakers. Students will also learn how to read and write critically, generate and develop ideas, work through multiple drafts, collaborate with peers, present ideas orally, and use computers as a tool in writing and presenting.

LANGUAGE ARTS 9

(9 GRADE – FULL YEAR – 1 CREDIT)

This course is required for all freshmen. The curriculum involves all genres and communication skills of language arts and includes such classics as *Romeo and Juliet* and *The Odyssey*. Other works will include novels, short stories, and essays. Process-writing skills include an emphasis on computer-assisted research.

LANGUAGE ARTS 10

(10 GRADE – FULL YEAR – 1 CREDIT)

This course is required for all sophomores. Part of the course will help prepare students by focusing on writing skills. Students will write by focusing on narrative, expository, and argumentative essays. Documented research is also emphasized. The literature curriculum includes all genres and encourages communication skills. The curriculum includes such works as *To Kill a Mockingbird*, *Lord of the Flies*, *Julius Caesar*, *A Midsummer Night's Dream*, *A Separate Peace*, *Speak*, and *Les Miserables*.

LANGUAGE ARTS 11

(11 GRADE – FULL YEAR – 1 CREDIT)

The first semester is a general survey of American Literature from the first colonization to World War I. It will include works from such classic writers as Twain, Poe, Cather, Emerson, Whitman, Dickinson, and Hawthorne. Novels may include *The Adventures of Huckleberry Finn*. In addition, Arthur Miller's play, *The Crucible* may be included. Process-writing skills will focus on expository writing assignments and will include a documented research paper. Additional writing may include narrative and poetry. The second semester is a general survey of American literature from World War I to present time. It will include works from classic writers such as Hemingway, Steinbeck, Fitzgerald, Frost, Wright, and Amy Tan. Novels may include *A Farewell to Arms*, *The Great Gatsby*, *Grapes of Wrath*, *The Joy Luck Club*, and *Black Boy*. Process-writing skills will focus on developing the writer's style in relation to the literature and includes essays, poetry, and narrative. This two-semester course is recommended for seniors. The curriculum involves exploring all components of the Language Arts Core including reading literature, reading informational text, writing, speaking, listening, and inquiry. Students learn to apply reading, writing, and speaking to situations they will encounter as adults seeking employment or will eventually be used in the classroom. Emphasis is on the ability to communicate as well as real-world reading and writing skills. This will include literature drawn from classics as well as contemporary works.

LANGUAGE ARTS 12

(12 GRADE – FULL YEAR – 1 CREDIT)

This course is recommended for seniors. The curriculum involves exploring all components of the Language Arts Core including reading literature, reading informational text, writing, speaking, listening, and inquiry. Students learn to apply reading, writing, and speaking to situations they will encounter as adults seeking employment or will eventually be used in the classroom. Emphasis is on the ability to communicate as well as real-world reading and writing skills. This will include literature drawn from classics as well as contemporary works.

SHAKESPEARE LIT/COMP

(11-12 GRADE – SEMESTER – ½ CREDIT)

This course is a continuation of Shakespeare's life and times from 9th and 10th-grade studies. Students will read his sonnets and examples of historical, comedic, and tragic plays. Plays used in class may include *Henry IV, Part I*; *Twelfth Night*; *Othello*; *Macbeth*; *King Lear*; *The Tempest*; and *The Merchant of Venice*. Students will also look at the use of Shakespeare in other art forms. Writing will focus on literary analysis, personal response, and poetry. Documented research (MLA style) is the major writing requirement. Students will also use "presentation" multimedia software to present the results of the research both orally and visually.

SOCIAL STUDIES

3 credits - 1 credit of Geography for Life (9th), .5 credit of World History (10th), 1 credit of United States History (11th), and .5 credit of U.S. Government and Citizenship (12th). In the 2015-16 Utah Legislative session, a bill passed which requires all Utah high school students to pass the U.S. Citizenship test as a requirement for high school graduation. This test consists of 50 questions selected from the 100 questions in the U.S. Citizenship test (United States Customs and Immigration Services Civics Assessment). Students must pass with a minimum of 70%. Per state guidelines, a student may take the test multiple times. Logan High School will be administering the test to all 11th and 12th grade students who have not previously passed this year.

AP - HUMAN GEOGRAPHY

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *B or better in Social Studies classes from middle or high school*

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine the socio-economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

AP - ADVANCED PLACEMENT EUROPEAN HISTORY

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *B or better in Social Studies classes*

This course is designed for students who have an intense interest in European history. Advanced analysis, synthesis, and evaluation skills are required to perform the tasks of interpreting European history. One of the primary purposes of this class is to allow the student to prepare to pass the AP Exam. This class serves as World History credit for Sophomores.

AP - ADVANCED PLACEMENT PSYCHOLOGY

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *Psychology*

This course is designed for advanced students interested in human behavior and mental processes. The primary purpose of the class is to help students prepare to pass the AP examination. The course aims to provide students with a learning experience equivalent to that obtained in most college introductory psychology classes. It will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. It will also cover the ethics and methods used by psychologists in their science and practice.

AP - ADVANCED PLACEMENT U. S. GOVERNMENT & POLITICS

(12 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *B or better in Social Studies classes*

AP United States Government and Politics requires students to know important facts, concepts, and theories on U.S. government and politics. Students are expected to understand typical patterns of political processes and behavior and their consequences including the principles used to explain various government structures and procedures and the political effects of such structures and procedures. Students will analyze the foundation documents of the U.S. government and interpret basic data relevant to the government and politics of the United States.

AP - ADVANCED PLACEMENT UNITED STATES HISTORY

(11 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *B or better in Social Studies classes*

This class is designed to meet the needs of advanced students in U.S. History. This class will make demands on the students which are equivalent to an introductory college course. The primary purpose of this course is to help the student prepare to pass the AP examination. Advance analysis, synthesis, and evaluation skills are required to perform the reading and interpretations of U.S. History. Payment and commitment to taking the exam are required at the beginning of the school year.

AMERICAN CIVILIZATION**(HIST 1700 CE – 3 Credits USU)**

(11-12 GRADE – BROADCAST TRIMESTER – 1 CREDIT)

Fundamentals of American civilization. Covers the history, political system, and economic institutions of the United States. Fulfills American Institutions requirement at the college level. This does not fulfill the Junior level US History requirement.

CURRENT ISSUES

(11-12 GRADE – SEMESTER – ½ CREDIT)

Current issues are designed to enhance the students' understanding of people, issues, and events that affect, shape, and impact our community, our country, and our world.

GEOGRAPHY FOR LIFE

(9 GRADE – SEMESTER – ½ CREDIT)

A study of the interrelationships between our physical and cultural worlds. The first half of this course will explore how geography influences human behavior from the local to the international level. The primary focus of this class will be North American, Latin American, and Western European World Geography. The second half will explore how geography influences human behavior from the local to the international level with the major focus on European, Asian, and African Geography.

PSYCHOLOGY

(10-12 GRADE – SEMESTER – ½ CREDIT)

This class studies human growth and development with a special emphasis on the history and systems of psychology. Also, an introduction to personality development and theory, personality disorders, and their treatment are discussed.

U.S. HISTORY II

(11 GRADE – FULL YEAR – 1 CREDIT)

A required course that devotes attention to economic, social, and political developments in the United States. The first half of the class covers the Pre-Columbian Period through the Civil War and develops an understanding of the Constitution, legal system, and an appreciation of ethical considerations supported by American society. The second half of the class covers the period of Reconstruction to contemporary America. The class is designed to help the students identify ways of solving problems and participating as effective citizens of the United States.

WORLD HISTORY

(10 GRADE – FULL YEAR- 1 CREDIT)

This class is a survey of recorded human history that addresses events and issues in world history from the earliest evidence of human existence to modern times. Whenever possible, students will be expected to make connections between historically significant events and current issues. These connections are intended to add personal relevance and deepen students' understanding of the world today (<https://www.uen.org/core/core.do?courseNum=6440>).

MATHEMATICS

3 Credits - Students must take Secondary Math I, Secondary Math II, and Secondary Math III (or an alternate for Secondary Math III) to graduate (total of 3 credits).

*Note: Parents can request that their student **opt-out** of Secondary Math III and take an alternative state-approved math elective. By not enrolling in Secondary Math III, students may not be prepared or eligible for some post-high opportunities, and specific scholarships, such as the Regent’s Scholarship. Parents will need to meet with LHS counselors to discuss alternative math options and to sign the “Math Opt-Out Alternative” form.*

Math Scholar Award: Students may apply to receive the Math Scholar Award at graduation. Students must complete 4 years of mathematics, with a minimum of Secondary Math II. For additional requirements, students may see a math teacher.

Secondary Math Sequence Chart

9th		10th		11th		12th
SM1	→	SM2	→	SM3 Math Elective	→	Pre-Cal or CE 1050 /1060 1040 or AP Stat
SM1 Honors	→	SM2 Honors	→	SM3 Honors Math Elective	→	Pre-Cal CE or 1050 /1060 1040, AP Cal or AP Stat
SM2 Honors	→	SM3 Honors	→	Pre-Cal or CE 1050 /1060 AP Calc or AP Stat	→	CE 1050 /1060, 1040 AP Calc or AP Stat

AP - ADVANCED PLACEMENT CALCULUS

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Secondary Math III Honors, or Pre-Calculus A/B or Math 1050/Math 1060

This course is designed to provide students with mathematical concepts equivalent to one and one-half semesters of college calculus. Includes a review of analytic geometry and introduces the concepts of limit, the derivative, and the integral.

AP - ADVANCED PLACEMENT STATISTICS

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Secondary Math III Honors or Secondary Math III

This course is designed to provide students with mathematical concepts equivalent to a semester of college statistics. Students will be actively engaged in collecting data and participating in activities as they learn statistical concepts. The course includes an introduction to probability, methods of collecting data, and data analysis using statistical procedures and techniques.

COLLEGE ALGEBRA

(MATH 1050 CE – 4 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Prerequisite: Secondary Math II and ACT Math Score of 23 or higher or Aleks Score via USU of 46 or higher

Face to Face

This is a one-semester concurrent enrollment course. Students must be admitted to USU. This class covers real and complex number systems, graphs, inverse functions, polynomial functions, exponential and logarithmic functions, systems of equations, and elementary matrix algebra. Graphing calculators are used throughout the course.

COLLEGE TRIGONOMETRY

(MATH 1060 CE – 2 Credits USU)

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: Secondary Math III and ACT Math Score of 23 or higher or Aleks Score via USU of 52 or higher

Face to Face

This is a one-semester concurrent enrollment course. Students must be admitted to USU. This class covers trigonometric functions, equations, identities, and applications. Graphing calculators are used throughout the course.

INTRODUCTION TO STATISTICS

(STAT 1040 – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Prerequisite: Teacher Approval

Face to Face

This is a 1-semester concurrent enrollment course. Students who complete the course will earn 3 USU credits that fill the Quantitative Literacy (QL) general education requirements for Utah universities. The purpose of this class is to teach individuals how to think critically about how data is collected and analyzed, and its uses in addressing interesting questions. We will also learn the interesting applications of probability to experiments and surveys. If you are a STEM student take AP Stats.

MODERN MATHEMATICS {Math Elective for 3rd Credit}

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Secondary Math I and II – Must sign state opt-out form with a counselor

The course will focus on mathematical reasoning and quantitative literacy skills to help students make good decisions throughout their lives. Common-sense applications of mathematics engage students while underscoring the practical, essential uses of math. The course will engage students in projects and hands-on activities.

PRE-CALCULUS

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Secondary Math III

This course provides preparation for college math on the calculus level. Part A of the course includes simplifying, solving, and graphing several functions including linear, polynomial, rational, radical, exponential, and logarithmic. The course includes real and complex systems, inverses, systems of equations and inequalities, and elementary matrix algebra. Part B of the course includes simplifying, solving, and graphing trigonometric functions and their inverses.

SECONDARY MATH I

(9 GRADE – FULL YEAR – 1 CREDIT)

A beginning course that ties together algebraic and geometric concepts and skills. Students will study the relationships between linear and exponential functions, deepen and extend their understanding of geometric knowledge, and make sense of problems through reasoning and the use of technology. Students in this course will complete their math requirements by taking the integrated “Secondary Math” sequence of classes.

SECONDARY MATH II

(10 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Secondary Math I

The focus of this course is quadratic expressions, equations, and functions. Complex numbers are introduced. Probability and right angle trigonometry are also covered. There is an emphasis on making sense of problem situations.

SECONDARY MATH II HONORS

(10 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Secondary Math I or HONORS MATH 1 and Teacher Approval

Secondary Mathematics II Honors cover additional topics and also explore topics in greater depth than Secondary Mathematics II.

SECONDARY MATH III

(11 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *Secondary Math II with a C or better*

In this course students expand their repertoire of functions to include polynomial, rational, and radical functions. Students will combine their experience with functions and geometry to create models and solve contextual problems. Students completing this course should be prepared to take Pre-Calculus or Math 1050/1060 or AP Statistics the following year.

SECONDARY MATH III HONORS

(11 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *Secondary Math II and Teacher Approval or Secondary Math Honors II with a B or better*

Secondary Math III Honors cover additional topics and also explore topics in greater depth than Secondary Math III. Students completing this course should be prepared for AP Calculus the following year.

SCIENCES

3 Credits - Students need 1 credit from the Biological Core, 1 credit from the other core categories, and one additional credit in a core or elective category.

Biological Core	Chemistry Core	Earth Science Core	Physics Core
Biology AP Biology BIO 1010 CE	Chemistry AP Chemistry Chem 1010 CE	Earth Science Environmental Science AP Environmental Science	Physics AP Physics

Notes: Students planning to take AP science classes should start with Biology as a Freshman. Freshmen can take either Biology or Earth Science. Students are encouraged to take additional elective science classes: Environmental Science, Zoology, Marine Biology, Medical Anatomy & Physiology, Principles of Engineering, BIO 1010, or CHEM 1010.

Science Scholar Award: Students may apply to receive the Science Scholar Award at graduation. One requirement is students must complete 4 years of science, including one or more AP Science Courses. To find out the other requirements to become a Science Scholar, see a science teacher.

Biological Core

BIOLOGY

(9-12 GRADE – FULL YEAR – 1 CREDIT)

This class is intended for all students in the 9th or 10th grade. This introduction to biology covers Ecology, cells, human body systems, genetics, and evolution. In this class students understand how to use scientific practices and reasoning to explain biology.

AP - ADVANCED PLACEMENT BIOLOGY

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Biology or Chemistry

Recommended: B or better in Biology and Chemistry

AP Biology is a rigorous, comprehensive course equivalent to a university-level freshman biology series. The instructional format will include lecture/discussion, student inquiry activities, and labs. At the end of the year, students will be strongly encouraged to take the AP Biology Exam. Passing the AP Exam with a 3 or better will grant the student three quarter or two-semester credits at most universities/colleges. The main goals of this class are to gain the knowledge and skills to succeed in this and future college-level classes, to pass the AP Exam, and to have a lifelong appreciation for the biological sciences.

BIOLOGY AND THE CITIZEN

(BIOL 1010 CE – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Face to Face

This is a concurrent enrollment class is designed for non-science majors (AP biology should be taken by students going into medicine or science.) Upon completion the student will earn three science credits from Utah State University. The class will be modeled after the USU program and will be primarily lecture/discussion in format. The objectives of the course will be to cover basic biological concepts to gain the ability to: (1) Relate these concepts to current issues and problems experienced in the lives of students, (2) Instill an appreciation for biology, and (3) Impart a sense of scientific literacy. Prior credit in a general biology, chemistry, or physics course is recommended.

Chemistry Core

CHEMISTRY

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *Biology or Earth Science*

Chemistry is a fundamental science that covers the structure of matter and chemical changes (reactions). Students will learn about chemistry through phenomena, inquiry activities, and hands on labs. Students will develop skills to analyze data, design experiments, and construct models.

AP - ADVANCED PLACEMENT CHEMISTRY

(11-12 GRADE – FULL YEAR – 1 CREDIT)

(10th grade or those who haven't taken chemistry before will need special permission to take this class)

Prerequisite: *Chemistry or Teacher Approval*

Recommended: *B or better in Chemistry*

Advanced Placement Chemistry is designed as a second-year Chemistry course and is for students who plan to major in science, medicine, or engineering (CHEM 1010 is for non-science majors). The course covers the equivalent of one full year of college-level General Chemistry, comparable to a first-year course at a college or university. The course is a rigorous math-based course, with a strong laboratory component. Upon earning a passing score on the AP Exam, most colleges will award credit for the first-year Chemistry series. Topics covered will include atomic structure, electronic structure, types of chemical reactions, intermolecular forces, stoichiometry, bonding, thermodynamics, equilibrium, and kinetics. This class will provide a foundation of chemistry and the skills necessary to be successful in future college courses.

INTRO TO CHEMISTRY

(CHEM 1010 CE – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

This college entry-level class is designed for non-science college majors (AP Chemistry should be taken for students planning to go into medicine, engineering, and science). The instructional format will include lecture/discussion format, labs, and student inquiry activities. Topics covered include basic chemical concepts and a survey of the various branches of chemistry. Emphasis will be on application to everyday issues involving environmental pollution, radioactivity, energy sources, and commonly encountered materials and reactions.

Earth Science Core

EARTH SCIENCE

(9-12 GRADE – FULL YEAR – 1 CREDIT)

This class is intended for all students in the 9th or 10th grade and draws upon earth, physical, and life sciences. Emphasis is placed on the interconnections among Earth's systems and on understanding how alterations in one part may affect the system as a whole.

ENVIRONMENTAL SCIENCE

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *Two years of Science classes*

Making connections between individual choices and the impact they have on the world around us is the goal of this class.

Students will collect and analyze data, identify flora and fauna, develop an understanding of local and global environmental problems, and gain an appreciation for our limited natural resources. A variety of field trips will be offered as an extension of classroom learning. Students will be expected to complete "outdoor" experiences and keep a journal. Environmental Science B is an extension of Environmental Science A. The one difference will be an emphasis on preparing for "Envirothon" which is held in April. Studies will be focused on forestry, soil and land use, aquatics, and a current event that changes each year. Students will be invited to participate in a variety of field trips that teach them about our local plants, animals, soils, forests, and water resources. Students will choose a topic to "specialize in" and then work together as a team to determine solutions to environmental problems. An emphasis will be placed on learning to recognize local birds by sight and sound.

AP – ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Recommended: *Two years of Science classes with a B or better*

This class will be taught within a general environmental science class and the AP students will be provided with additional materials to prepare them for the AP exam. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. As well as to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Physics Core

PHYSICS

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *None*

Physics explores the nature of basic concepts such as motion, forces, energy, matter, heat, sound, light, and the composition of atoms. Physics supports all of the other sciences, which is why it is considered the most “basic” of the sciences. Students will use hands on activities to collect evidence to discover natural laws that govern our world.

AP – ADVANCED PLACEMENT PHYSICS I

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *None*

Recommended: *B or better in previous Math and Science classes*

AP Physics is an algebra-based, introductory college-level physics course. It is designed to be a first-year course which means no prior physics experience is required. Students interested in STEM careers and medical school should seriously consider AP Physics rather than general physics. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

Other Science Courses

ADV MEDICAL ANATOMY & PHYSIOLOGY

(HTHS 1110/HTHS 1111 – 8-12 Credits WSU)

(12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *Medical Anatomy & Physiology*

Face to Face

The purpose of this course is to educate the student in basic medical terminology, anatomy and physiology, and the metric system.

This course also provides a basic introduction to microbiology, chemistry, and physics in the context of the human body. Successful completion of this course will prepare the allied health student to apply an understanding of anatomy and physiology to provide intelligent and rational care. **(Pathways Course)**

ASTRONOMY

(10-12 GRADE – ½ YEAR – 0.5 CREDIT)

Prerequisite: *Physics and Chemistry*

The underlying principles of life, earth, and physical science are integrated into this study of the universe. Historical astronomy, the solar system, comets, constellations, extraterrestrial life, and the evolutions of stars are the major topics of study.

INTRODUCTION TO HEALTH SCIENCE

(9-12 GRADE – SEMESTER – ½ CREDIT)

This single-semester course is designed to allow students to explore the medical field before they commit an entire year to take Anatomy/Physiology. This class is NOT required for any other anatomy class but is offered for those students that are not sure if this is their field of interest. We will examine basic anatomy, medical terminology, and career exploration. Some students take this class to learn some anatomy and medical terminology before taking the full-year course.

MARINE SCIENCE

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *Biology and Physics or Chemistry or Earth Science*

This elective course is designed for students who would like to learn about marine organisms and their environment. One term will be spent studying the physical aspects of the environment, such as tides, currents, and ecological zones, while the other will concentrate on the adaptations and evolution of marine organisms.

MEDICAL ANATOMY & PHYSIOLOGY

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *Biology*

This course is a year-long program of rigorous in-depth study of the structure and function of the human body. The areas covered will include medical terminology, basic chemistry, cell and tissue structure, and the 11 systems of the body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary, and reproductive). Laboratory work will be required. Laboratory work includes five dissections of preserved specimens, including a comparative anatomy dissection lab using the fetal pig. Other labs include microscopic study, physiologic experiments, computer simulations, collection and analysis of data, and multimedia presentation. This course runs simultaneously with concurrent Medical Terminology (HTHS 1101 CE).

MEDICAL TERMINOLOGY

(HTHS 1101 – 2 Credit WSU)

(11-12 GRADE – FULL-YEAR – ½ CREDIT)

This course covers over 350 medical word roots, suffixes, and prefixes. Emphasis is placed on pronunciation, spelling, and usage of medical terminology. Medical abbreviations are also introduced.

ZOOLOGY

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *Biology and a physical science*

This elective course explores the diversity and evolution of animals, animal body systems, and how animals interact with ecosystems.

FINE ARTS

Visual Arts

AP - ADVANCED PLACEMENT ART STUDIO 2D DESIGN

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *TEACHER APPROVAL*

A High School college-level course in which the highly motivated participants submit a minimum of 15 portfolio images showing advanced understanding of design principles (unity, repetition).

AP - ADVANCED PLACEMENT ART STUDIO DRAWING/PAINTING

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *TEACHER APPROVAL*

Follows the requirements of the Advanced Placement program. A High School college-level course in which the highly motivated participants submit a minimum of 24 portfolio images showing mastery.

AP - ADVANCED PLACEMENT ART STUDIO 3D DESIGN Ceramics

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *TEACHER APPROVAL*

A High School college-level course in which the highly motivated participants submit a minimum of 7-8 three-dimensional pieces showing mastery of 3D art.

CERAMICS I

(10-12 GRADE – SEMESTER – ½ CREDIT)

Students will be introduced to pottery and ceramic sculpture through a variety of hand-building and wheel techniques. Students will begin to learn and actively participate in the processes of making, glazing, and firing ceramic wares. There will be strong ceramic artworks, glazing and foreign the work, and participating in art shows.

CERAMICS II

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *CERAMICS I*

This class is a continuation of the Ceramics experience. There is more emphasis on individual skills development in hand-building and wheel-throwing techniques building on the skills learned in Ceramics 1. The student will develop a greater understanding of the principles of modern and historical settings. Production principles of modern and historical settings. Production principles of art creation, glazing, firing, and the artistic display will all be covered as the student makes ceramic pieces and carries them through the processes involved.

CERAMICS III

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *CERAMICS II*

This class is the continuation of Ceramics II. The emphasis is on individual artistic expression and individual skill development through the creation of show-quality artwork and production pottery with a broader scope of the competitive exhibition. Students will be actively encouraged to produce saleable artwork and to participate in local, regional, state, and national art shows.

DRAWING I

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *FOUNDATIONS II*

This course will develop students' drawing skills by teaching specific drawings techniques, approaches, and concepts.

DRAWING II

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *DRAWING I*

This intermediate course is designed to provide a more technical visual art skill experience using 2D art-related materials and concepts. Should emphasize studio production in exposing students to complex structures.

DRAWING III

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *DRAWING II*

This advanced High School drawing course is designed to develop high-level drawing skills in the manipulation of materials and tools in recording accurate or stylized images found in life, pictures, etc.

EXPLORING ART

(ART 1010 CE – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Face to Face

This course is a basic overview of the history of visual arts and how they fit into society. Students will study methods and concepts used to produce art, and gain a basic understanding of the history of art. The course introduces the elements and principles of art and major art forms through a survey of art history.

FOUNDATIONS II

(9-12 GRADE – SEMESTER – ½ CREDIT)

Students will develop skills vital to making art and understanding the process of drawing, using the elements and principles of art (line, shape, form, value, color, etc.) and their use in creating pieces of art.

PAINTING I

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *FOUNDATIONS II & DRAWING I*

This course is designed as an introduction to painting. Building on the skills from the listed prerequisite courses, students will develop skills vital to making art by demonstrating an understanding of basic color and drawing concepts.

PAINTING II

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *PAINTING I*

This course is a more in-depth continuation of Painting I. Mediums used will include pastel, watercolor, and oil.

PAINTING III

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *PAINTING II*

This course is a more in-depth continuation of Painting II. Mediums used will include pastel, watercolor, and oil.

DIGITAL PHOTOGRAPHY – PHOTO 1 (CTE CREDIT OR ART CREDIT)

(9-12 GRADE – SEMESTER – ½ CREDIT)

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. (**Pathways Course**)

PHOTO 3 (ART CREDIT ONLY)

(9-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *DIGITAL PHOTO*

In this course, students will explore a variety of types of photography utilizing the skills they gained in previous photography courses. This will help them decide which type of photography they would like to pursue and prepare the students to be successful in A.P. Art.

SCULPTURE I

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *CERAMICS II*

Sculpture can be defined as basic skills used to create three-dimensional works of art. Students will utilize their basic 3D knowledge gained from their prerequisite class, to take their skills to a higher level. They will study sculptors from the past

and gain an understanding of what makes a particular work a success. The students will apply their Art History knowledge and understanding of new media, into creating their sculptures, with a focus on entering various competitions around the state.

SCULPTURE II

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *SCULPTURE I*

Students will be using more advanced and technically demanding media such as stone welded metal, mixed media, and bronze. The scale of the works will be much larger than in Sculpture I. Emphasis will be on high-quality college-level sculpture and promotion of the students' work in local, regional, and statewide contests. Students will be required to exhibit their art in various local galleries and venues as well. Promoting students' portfolios to receive college scholarships will be a top priority.

SCULPTURE III

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *SCULPTURE II*

This is an advanced course in sculpture. Students are directed to work on independent projects following a theme or pursuing particular problems of composition or construction.

Performing Arts - Instrumental/Vocal

BAND I BEGINNING BAND

(9-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *PRIOR BEGINNING BAND OR TEACHER APPROVAL*

Provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a woodwind, brass, or percussion instrument in a small ensemble band setting.

BAND II JAZZ (AFTER SCHOOL)

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *TEACHER APPROVAL*

The jazz band is open to all students who have had experience with a band instrument for at least one year. A student must be able to perform on his/her instrument proficiently and be willing to participate in the MARCHING and PEP bands. *He/she must be willing to put in extra time in individual practice and formal extra rehearsals to maintain and achieve a high standard of performance.*

BAND II SYMPHONIC BAND

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *PRIOR BEGINNING BAND OR TEACHER APPROVAL*

Open to all woodwind and brass players, not in Wind Band. Emphasis is on technical development and creating an interest in music theory and history. Students will gain an appreciation for music through performance and class activities.

BAND II SMALL ENSEMBLE GROUP

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *PRIOR BEGINNING BAND OR TEACHER APPROVAL*

Further develops and refines core concepts and fundamentals introduced in Beginning Band. Students participate in a small ensemble band.

BAND II PERCUSSION INTERMEDIATE

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *PRIOR BEGINNING BAND OR TEACHER APPROVAL*

Further develops and refines core concepts and fundamentals introduced in Beginning Band--Percussion.

BAND III WIND BAND

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Audition

Learn about the intangibles of musical performance through the eyes of the composer, listener, and performer. Understand aesthetic appreciation through individualized instruction, performance, technical development, and computer technology.

BAND III PERCUSSION ADVANCED

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: PRIOR BEGINNING BAND OR TEACHER APPROVAL

Provides opportunities to foster and refine musical expression through instrumental performance, analytical/evaluative skills, and aesthetic judgment through playing a percussion instrument.

CHAUNTAIRES

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Audition

This group is the mixed performing choir of the school. The choir uses a wide variety of music ranging from contemporary to classical. The choir performs for schools, churches, and the community in addition to three major concerts and tours to surrounding states as well as competitions. Yearlong participation is required.

CHORUS - Soprano/Alto

(9-12 GRADE – SEMESTER – ½ CREDIT)

This chorus class is designed for both **male** and **female** students who desire exposure to choral singing, reading music, music fundamentals, voice production, and music appreciation. Chorus is an attempt to create a lifelong interest in singing. ALL STUDENTS will be encouraged to continue with the more advanced choral offerings in future years. We will use a wide variety of choral music and activities.

CHORUS - Tenor/Bass

(9-12 GRADE – SEMESTER – ½ CREDIT)

This chorus class is designed for both **male** and **female** students who desire exposure to choral singing, reading music, music fundamentals, voice production, and music appreciation. Chorus is an attempt to create a lifelong interest in singing. ALL STUDENTS will be encouraged to continue with the more advanced choral offerings in future years. We will use a wide variety of choral music and activities.

CHORUS II

~~(9-12 GRADE – SEMESTER – ½ CREDIT)~~

~~A non-audition choir for **females**. Three and four-part singing will be emphasized as well as vocal and musical skills, some music history, and theory.~~

CHORUS III

~~(9-12 GRADE – SEMESTER – ½ CREDIT)~~

~~*Prerequisite: Chorus I or Chorus II, Audition, Teacher Approval*~~

~~This course is open to selected **female** students who have first passed an audition to participate in this class. Studies will include vocal production, ear training, music fundamentals, sight-reading, productive evaluation of other performers, and also performing as well as understanding many choral composers and styles. Two-part, three-part and four-part music will be studied.~~

CRIMSON COLONY

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Audition

This selected mixed choir performs chamber music as well as contemporary music combined with movement. Singing and musical skills are emphasized. The choir performs for schools, churches, and the community in addition to three major concerts and tours to surrounding states as well as competitions. Yearlong participation is required.

INTRO TO MUSIC

(MUSIC 1010 CE – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Face to Face

This class is for non-performance-based students. No prior knowledge of music is required. This class will introduce basic music theory, musical notation, vocabulary, an introduction to musical historical periods from the 14th century to the 21st century. The class also provides beginning hands-on performance opportunities and experience. This course fills a Humanities & Arts credit at most Universities and fulfills a BLA at USU.

MUSIC AESTHETICS

(9-12 GRADE – SEMESTER – ½ CREDIT)

The course examines philosophical issues related to music's status as art and as an expression of human experience. Major emphasis is on critical reflection of modern assumptions about the meaning and value of music. No specialized knowledge of music is required.

ORCHESTRA 2

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: TEACHER APPROVAL

Students will learn musical techniques and skills to create, perform, listen and think while collaborating with others in an orchestral setting. They will connect music with history, cultures, and society, as well as learn how to express themselves through music. This is a performance-based course, and in order for students to reach their full potential they are required to practice daily on their instruments at home.

This class is for orchestra students who have previously played an orchestral instrument (Violin, Viola, Cello and/or Bass) who would like to continue working and learning their instrument in an orchestra. Classwork will include independent playing tests and assessments, music theory assessments, concert critique and attendance and concert music preparation. Playing tests and class work will be derived from the method book "Advanced Techniques for Strings."

Expectations for students:

Daily Practice

Two octave major scales

Basic shifting into upper positions on their instrument

Concert participation in the four to six concerts (including region and state festivals).

ORCHESTRA 3

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: AUDITION OR TEACHER APPROVAL

Orchestra 3 is for developing stringed musicians who want to improve their musical skills and produce higher level music. This class is for string players who have been previously enrolled in orchestra 2 and/or show advanced musical independence. Class work will include independent playing tests, theory work, concert review and attendance, and concert music preparation. Playing tests and class work will be derived from the method book "Expressive Techniques for Orchestra." Admittance into the class will be determined by the instructor.

Expectations for inclusion in class include:

Daily Practice

Three octave major scales

Comfortably playing in upper positions independently

Playing rhythms independently

Participation in concerts including region and state festivals

CHAMBER ORCHESTRA

(10-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: AUDITION OR TEACHER APPROVAL

Chamber orchestra is an audition-based orchestra and is limited in the size of the class. This class is for the top orchestra students in Logan High. Students will participate in chamber ensembles as well as the full chamber group in their performances. Auditions include: one three-octave minor and one three-octave major scale of choice, along with a solo of choice to showcase the student's musical abilities in note reading, rhythms and shifting. Auditions will be held before school registration and admittance into the class will be determined by the instructor.

Expectations for the class include:

Daily practice

Participation in all concerts – including region and state festivals

Participation in the spring tour – cost included in school fees

Performances outside of school in assigned chamber group

Performing Arts - Theatre/Drama

FILM STUDIES/FILM MAKING

(10-12 GRADE – SEMESTER – ½ CREDIT)

Students investigate how and what ideas, values, and concepts are connected through film. In analyzing film and its history, students examine elements of plot, setting, style, and point of view. Class activities include viewing, listening, researching, and analyzing film. Students will create their short film projects.

MUSICAL PRODUCTION

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: Audition

This class will be devoted to the actual performance of musical production. In-class time will be devoted to rehearsal and staging the show, as well as putting the publicity together, building and painting the set, hanging, focusing, running and building props, and designing and applying makeup. The final project will be a public presentation of the production.

STAGECRAFT / TECH

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: TEACHER APPROVAL

This class is designed to teach basic techniques in Auditorium Management, from Tech Crew, Sound Design and Management, Stagehand work, Light Board Operation and Design, the MIDID Language, and Running (backstage) Crew as well as basic theatrical design. Included will be some basic scene design, painting, and turning flat boards into 3-dimensional scenery. The practical application of these skills will be used in various venues including the design, construction, and backstage help of LHS's annual musical and play production. This class requires some after-school participation. It is the prerequisite for being a member of the Stage Crew at LHS.

THEATRE I

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course will teach basic acting techniques. We will discuss and introduce exercises to tone the actor's "instruments," which will include relaxation, pantomime, sensor recall, imagination, concentrating, and voice for performance will include pantomime, improvisations, monologues, and scenes.

THEATRE II

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: Theatre I

This course will be a continuation of Theater Arts I building on the techniques learned there. We will discuss various acting styles and audition techniques, including a unit on dialects. Students will study Tennessee Williams, Arthur Miller, William Inge, Lillian Hellman, and other playwrights from the Realism Era. The in-class performance will include monologues, duo & trio scenes, audition pieces, and pieces to be used in competition.

THEATRE III

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *Theatre I and II*

This course is a continuation of acting elements learned in THEATRE I & THEATRE II. We will spend an entire semester working on either Shakespeare, Contemporary Theatre, Restoration Comedy, or Musical Theatre, which will provide students multiple opportunities to take this class. Students will be able to perfect their acting skills related to these particular styles of acting. At the end of the semester, students will present their one-act play related to the course of study for the semester. Students will also serve as acting coaches and directors for underclassmen.

PHYSICAL EDUCATION (PE) and HEALTH EDUCATION II

.5 credit P.E. – Participation Skills & Techniques (9th); .5 credit Health Education II; .5 credit Fitness for Life; and .5 credit Lifetime Activities.

SPECIAL NOTE: ANY TEAM SPORT PLAYED FOR A COMPLETE SEASON CAN BE COUNTED AS A P.E. (0.5) CREDIT (EITHER PARTICIPATION SKILLS OR LIFETIME ACTIVITIES). AN ADDITIONAL SEASON OF A DIFFERENT TEAM SPORT CAN COUNT AS A P.E. (.05) CREDIT FOR (EITHER PARTICIPATION SKILLS OR LIFETIME ACTIVITIES). THE CREDIT REQUEST FOR SPORTS ACTIVITY FORM MUST BE SIGNED BY THE COACH/TEAM ADVISOR, COUNSELOR, AND ADMINISTRATION.

ATHLETIC SKILL DEVELOPMENT

(9-12 GRADE – SEMESTER – ½ CREDIT)

TEAM SPORTS – Athletic skill development classes for team participants and is open to varsity athletes. Elective graduation credit only – does not qualify for P.E. credit.

PARTICIPATION SKILLS AND TECHNIQUES

(9 GRADE – SEMESTER – ½ CREDIT) If needed in 10-12 it can be taken. **Encourage lifetime activities course.

This class is required for graduation.

This semester class offers students instruction in (team sports and activities) and fulfills one P.E. requirement for high school graduation.

FITNESS FOR LIFE

(10-12 GRADE – SEMESTER – ½ CREDIT)

This class is required for graduation.

The core-required class provides comprehensive instruction in nutrition, fitness activities, and self-assessment.

HEALTH EDUCATION II

(10-12 GRADE – SEMESTER – ½ CREDIT)

This class is called Health 2 because Health 1 is offered at the junior high school level. It is required for graduation.

This one-semester course assists students in the continual development of skills needed to improve their quality of life. The course emphasizes the physical, social, and mental dimensions of people so that the students become better-informed consumers of health information. It offers students an opportunity to evaluate health practices, products, and services.

LIFETIME ACTIVITIES

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: FITNESS FOR LIFE

A lifetime activities class is required for graduation - ANY LIFETIME ACTIVITIES CLASS

Core-required class offered in grade 10 or 11 that provides instruction in up to three-lifetime sports activities and physical fitness.

LIFETIME ACTIVITIES- YOGA

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: FITNESS FOR LIFE

A lifetime activities class is required for graduation - ANY LIFETIME ACTIVITIES CLASS

Core-required class offered in grade 10 or 11 that provides instruction in up to three-lifetime sports activities and physical fitness

LIFETIME ACTIVITIES- STRENGTH AND CONDITIONING **General Weight Training Course

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: FITNESS FOR LIFE

A lifetime activities class is required for graduation - ANY LIFETIME ACTIVITIES CLASS

Core-required class offered in grade 10 or 11 that provides instruction in up to three-lifetime sports activities and physical fitness.

Open to all students all four quarters of the school year, and is a general weight training course for all students.

WEIGHT TRAINING / BODY CONDITIONING **Football Specific Weight Training Course

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course is open to all football players and is designed to allow students to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. The course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

WORLD LANGUAGES

1 Credit - World Language is required for graduation from Logan High School. Additional study is required for entrance into many colleges and universities across the nation. The study of Languages has proven to help students substantially raise their ACT scores. Language courses fulfill core credit for the NCAA Clearinghouse.

World Language Scholar Award: Students may apply to receive the World Language Scholar Award at graduation. To find out the requirements to become an LHS World Language Scholar, see a language teacher.

GERMAN 1

(9th-12th GRADE – FULL YEAR – 1 CREDIT)

German 1 is an introductory course designed to help students understand, speak, read, write German as it is used today throughout the German-speaking world. The long-range goal is communication in German with an emphasis on oral communication. Attention is also paid to cultural study.

GERMAN 2

(10th-12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *An Oral Proficiency Rating of Novice Mid*

Students in this class will continue to develop interpersonal, interpretive, and presentational language skills as they interact using the German language. They will focus on improving their comprehension, comprehensibility, vocabulary usage, cultural awareness, communication strategies, and language control as they interact with each other and complete their assignments.

GERMAN 3 (Foreign Language or Language Arts 12 Credit)

(11th-12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *An Oral Proficiency Rating of Novice High*

This course will continue to stress reading, writing, and speaking skills in German, as well as the use of more elaborate grammar structures. Aural comprehension, oral practice, and cultural history are emphasized as they relate to the other skills.

GERMAN 4 Independent Study

(12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *German 3, or Oral Proficiency Rating of Intermediate Low*

This one- or two-semester independent reading course is designed for students with three years of German who wish to continue their study or prepare for the AP German exam. Emphasis will be on acquiring a broad range of vocabulary using communication strategies and authentic texts and films. This class may be repeated for elective credit and taken during any period.

AP GERMAN

(12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *German 3, or Oral Proficiency Rating of Intermediate Low*

This one- or two-semester independent reading course is designed for students with three years of German who wish to continue their study or prepare for the AP German exam. Emphasis will be on acquiring a broad range of vocabulary using communication strategies and authentic texts and films. This class may be repeated for elective credit and taken during any period.

*German 1010 and 1020 CE

GERMAN FIRST YEAR I

(GERMAN 1010 CE – 4 Credits USU)

(11th-12th GRADE – SEMESTER – 1 CREDIT)

Prerequisite: *An Oral Proficiency Rating of Novice Mid High*

Face to Face

This class emphasizes grammar, reading, writing, listening, and speaking skills in the German language. It is expected that students will do the same scholarly work as students at the university.

GERMAN FIRST YEAR II

(GERMAN 1020 CE – 4 Credits USU)

(11th-12th GRADE – SEMESTER– 1 CREDIT)

Prerequisite: *An Oral Proficiency Rating of Novice Mid High*

Face to Face

This class emphasizes grammar, reading, writing, listening, and speaking skills in the German language. It is expected that students will do the same scholarly work as students at the university.

SPANISH 1

(9th-12th GRADE – FULL YEAR – 1 CREDIT)

Spanish 1 is an introductory course designed to help students understand, speak, read, write Spanish as it is used today throughout the Spanish-speaking world. The long-range goal is communication in Spanish with an emphasis on oral communication. Attention is also paid to cultural study. *No heritage speakers*

SPANISH 2

(9th-12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *An Oral Proficiency Rating of Novice Mid*

Students in this class will continue to develop interpersonal, interpretive, and presentational language skills as they interact using the Spanish language. They will focus on improving their comprehension, comprehensibility, vocabulary usage, cultural awareness, communication strategies, and language control as they interact with each other and complete their assignments. *No heritage speakers*

SPANISH 3 (Foreign Language or Language Arts 12 Credit)

(10th-12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *An Oral Proficiency Rating of Novice High*

This course will continue to stress reading, writing, and speaking skills in Spanish, as well as the use of more elaborate grammar structures. Oral comprehension, oral practice, and cultural history are emphasized as they relate to the reading and writing program. *No heritage speakers*

SPANISH 4

(10th-12th GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *SPANISH 3, or An Oral Proficiency Rating of Intermediate Low*

This course is a continuation of Spanish 3. Grammar, reading, writing, listening, and speaking skills will be emphasized. We also learn the country-specific culture.

SPANISH FOR SPANISH SPEAKERS

(9th-10th -GRADE – FULL YEAR – 1 CREDIT)

This course is designed for native speakers of Spanish. Students will be exposed to Latin American literature and culture as well as writing assignments. There will also be a review of basic Spanish grammar and writing conventions.

AP SPANISH

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *SPANISH 3, or An Oral Proficiency Rating of Intermediate Low*

This course is a continuation of Spanish 4. Grammar, reading, writing, listening, and speaking skills will be emphasized. We also learn the country-specific culture.

CAREER TECHNICAL EDUCATION (CTE)

1 credit can be satisfied by any of the following courses:

<u>Business</u>	<u>Family & Consumer Sciences</u>	<u>Health Science</u>	<u>Design & Visual Communications</u>
Business Office Specialist Entrepreneurship Hospitality and Tourism Marketing Sports & Entertainment Marketing CTE Internship <u>Digital Literacy</u> Business Office Specialist Computer Science	Sewing Construction and Textiles 1 Sewing Construction and Textiles 2 Child Development Early Childhood Education 1 A&B Early Childhood Education 2 Fashion Design Studio Food and Nutrition I Food and Nutrition II <i>Human Development Across the Lifespan</i> -(HDFS 1500 CE) Interior Design	<u>Adv. Medical</u> <i>Anatomy/Physiology</i> -(HTHS 1110 CE & HTHS 1111 CE) Exercise Science/Sports Medicine (Also AT 2175 CE) Intro to Health Science Medical Anatomy/Physiology <i>Medical Terminology</i> -(HTHS 1101 CE) <u>Technology</u> Unmanned Aerial Vehicles Construction Technology Construction Trades	Digital Photography (Photo 1) Adv. Commercial Photography (Photo 2) Basic Film Photo (Photo 3) Computer Science Principles A TV Broadcast 1 TV Broadcast 2 Video Production 1 Video Production 2

Digital Studies (one of these courses is required for graduation)

BUSINESS OFFICE SPECIALIST REQUIRED FOR GRADUATION or Computer Science Principles (Digital Studies)

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned. This course will also count towards the Digital Studies requirement.

COMPUTER SCIENCE PRINCIPLES REQUIRED FOR GRADUATION or Business Office Specialist (Digital Studies)

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course emphasizes the principles of computer science rather than just programming. Big ideas and concepts include: 1) Computing is a creative activity 2) Abstraction reduces information and detail to facilitate focus on relevant concepts 3) Data and information facilitate the creation of knowledge 4) Algorithms are used to develop and express solutions to computational problems 5) Programming enables problem-solving, human expression and creation of knowledge 6) The internet pervades modern computing 7) Computing has global impacts.

Business

ENTREPRENEURSHIP

(11-12 GRADE – SEMESTER – ½ CREDIT)

This course is designed to help students determine their self-employment potential and to guide them in developing a personal plan of action for a small business start-up. This course utilizes field trips and guest speakers to expose students to successful businesses and other business experts. **(Pathways Course)**

HOSPITALITY AND TOURISM

(10-12 GRADE – SEMESTER – ½ CREDIT)

This course provides the student with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours. Students will learn the importance of hospitality and tourism’s impact on the economy. **(Pathways Course)**

MARKETING

(10-12 GRADE – SEMESTER – ½ CREDIT)

An introductory course that will teach concepts of entry-level business and marketing functions. The following skill standards will prepare the student in Marketing, marketing, and business fundamentals, selling, financing, product/service planning, information management, purchasing, distribution, pricing, promotion, risk management, career development, economics, communications, human relations, marketing math, and marketing operations. **(Pathways Course)**

SPORTS & ENTERTAINMENT MARKETING

(10-12 GRADE – SEMESTER – ½ CREDIT)

This is an introductory course that will help the student develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals, and the key elements needed in sports marketing plans. **(Pathways Course)**

CTE INTERNSHIP (Application required)

(11-12 GRADE – SEMESTER – ½ CREDIT)

Related work-based learning provides on-the-job training/shadowing opportunities that are directly related to a career goal and course of study identified through the PCCR. This work-based learning experience is designed to bridge the gap between school and work. Appropriate supervision by a school/district coordinator must be maintained. There are several job sites in the valley where students can gain experience through 12-week internships. **(Pathways Course)**

Course Requirements: Minimum overall 3.0 GPA, minimum 75% attendance, and provide self-transportation.

Family and Consumer Science

SEWING CONSTRUCTION AND TEXTILES 1

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course introduces students to basic sewing and pressing equipment, textiles, introductory level project construction techniques, and techniques for construction edge finishes. Projects may include, pillowcase, pajama pants, drawstring bag, and/or rag quilts. Class requires additional materials to be purchased by the student. **(Pathways Course)**

SEWING CONSTRUCTION AND TEXTILES 2

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: APPAREL DESIGN AND PRODUCTION 1

This course is more advanced, introducing students to basic sewing, serger, and pressing equipment. Students will make an intermediate-level project of their choice as well as assigned class projects. **(Pathways Course)**

CHILD DEVELOPMENT

(9-12 GRADE – SEMESTER – ½ CREDIT)

This instructional course prepares individuals to understand the physical, emotional, and social development of children from conception to preschool age. Parenting skills are developed as the appropriate care positive guidance techniques, and child-related issues are studied. Activities that emphasize learning, observation of children, and working with children are included. This is a great introductory experience for anyone planning to work with or have children. **(Pathways Course)**

EARLY CHILDHOOD EDUCATION 1

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: CHILD DEVELOPMENT

This course prepares individuals for child-related careers. Instruction is given in developing positive relationships with and learning experiences for children. Instruction is also given in child care policies and management, guidance techniques, and health, safety, and nutritional concerns. Emphasis will also be given to writing appropriate lesson plans for working with young children, hands-on activities, and planning for preschoolers. On-site training will be a part of the course. **(Pathways Course)**

EARLY CHILDHOOD EDUCATION 2

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *Early Childhood Education A*

This course prepares individuals for careers in child care, guidance, and early childhood education. Child care experiences include program planning and management, resource and facility management, supervising, preparing, and implementing learning experiences for children. The primary focus of this class is the “Little Grizz Preschool.” **(Pathways Course)**

EARLY CHILDHOOD EDUCATION 2

(11-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *Childhood Development and Early Childhood Education 1 A&B*

The focus of this class is to complete steps to apply for the Child Development Associate (CDA) credential through hands-on, on-site early childhood education experience. This course prepares individuals for careers and entrepreneurial opportunities in early childhood education. Students will be working in the “Little Grizz Preschool”. **(Pathways Course)**

FASHION DESIGN STUDIO

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course introduces the world of fashion. Areas to be included are the Psychology of clothing, fashion fundamentals, elements and principles of design, textiles, consumerism, and fashion-related careers, with an emphasis on personal appearance. **(Pathways Course)**

FOOD AND NUTRITION

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course is designed for students who are interested in understanding the principles of nutrition and maintaining a healthy lifestyle. Attention will be given to the selection and preparation of food, and personal health and well-being. **(Pathways Course)**

FOOD AND NUTRITION II

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *Food and Nutrition I*

This course is designed to focus on principles of food preparation, sports nutrition, consumerism, and career options in the food industry. The study and application of nutrition, sanitation, food sciences, and technology in this course provide students with laboratory-based experiences that will strengthen their comprehension of concepts and standards outlined in Science, Technology, Engineering, and Math (STEM) education. FCCLA may be an integral part of this course. **(Pathways Course)**

HUMAN DEVELOPMENT ACROSS THE LIFESPAN

(HDFS 1500 CE – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Face To Face

This course will introduce students to the concepts and science of human development and the changes in development that occur across the life span from conception through death. We will focus on the physical, cognitive, and socioemotional changes that occur as individuals grow and develop. In addition, this class will incorporate topics into “real world” examples. Students will have the opportunity to learn through required readings, in-class lectures and activities, examinations, and applied assignments. **(Pathways Course)**

INTERIOR DESIGN I (CTE CREDIT ONLY)

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course is designed to teach the basics of design principles for the home. Students will participate in hands-on class activities that relate to elements and principles of design, housing needs and lifestyles, floor plans, and furniture arrangement. Career opportunities related to housing and interior design will also be explored. This course must be taken before enrolling in any interior design program at BTech. **(Pathways Course)**

Health Science

ADV MEDICAL ANATOMY & PHYSIOLOGY

(HTHS 1110 CE/HTHS 1111 CE – 8-12 Credits WSU)

(12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Medical Anatomy & Physiology

Face to Face

The purpose of this course is to educate the student in basic medical terminology, anatomy and physiology, and the metric system. This course also provides a basic introduction to microbiology, chemistry, and physics in the context of the human body. Successful completion of this course will prepare the allied health student to apply an understanding of anatomy and physiology to provide intelligent and rational care. **(Pathways Course)**

INTRODUCTION TO HEALTH SCIENCE

(9-12 GRADE – SEMESTER – ½ CREDIT)

This single-semester course is designed to allow students to explore the medical field before they commit an entire year to take Anatomy/Physiology. This class is NOT required for any other anatomy class but is offered for those students that are not sure if this is their field of interest. We will examine basic anatomy, medical terminology, and career exploration. Some students take this class to learn some anatomy and medical terminology before taking the full-year course. **(CTE elective) (Pathways Course)**

MEDICAL ANATOMY & PHYSIOLOGY

(11-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: Biology

This course is a year-long program of rigorous in-depth study of the structure and function of the human body. The areas covered will include medical terminology, basic chemistry, cell and tissue structure, and the 11 systems of the body (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary, and reproductive). Laboratory work will be required. Laboratory work includes five dissections of preserved specimens, including a comparative anatomy dissection lab using the fetal pig. Other labs include microscopic study, physiologic experiments, computer simulations, collection and analysis of data, and multimedia presentation. This course runs simultaneously with concurrent Medical Terminology (HTHS 1101 CE). **(Pathways Course)**

MEDICAL TERMINOLOGY

(HTHS 1101 CE – 2 Credit WSU)

(11-12 GRADE – FULL-YEAR – ½ CREDIT)

Face to Face

This course covers over 350 medical word roots, suffixes, and prefixes. Emphasis is placed on pronunciation, spelling, and usage of medical terminology. Medical abbreviations are also introduced. **(Pathways Course)**

Technology

UNMANNED AERIAL SYSTEMS

(9-12) GRADE - SEMESTER - ½ CREDIT)

This course covers the history, safety, rules, and regulations, as well as the design and construction of Small Unmanned Aerial Systems (UAS). Students fly both rotary and fixed wing UAS in preparation for certification.

CONSTRUCTION TECHNOLOGY

(9-12 GRADE – SEMESTER – ½ CREDIT)

An introductory course focused on construction technology. Students will gain an understanding of how construction technologies impact politics, the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes. **(Pathways Course)**

CONSTRUCTION TRADES

(10-12 GRADE – SEMESTER – ½ CREDIT)

A course that generally prepares individuals in the following areas: basic safety, introduction to blueprint reading, introduction to power tools, introduction to hand tools, and introduction to construction math. Students will build a 10x12 shed with windows and

doors most of the work will be completed outdoors. It also includes an industry overview, what to expect on the job, and specific career opportunities. It is designed to allow for replica house building on a 1/4"=1'-0" scale. This course is based on the current National Center for Construction Education and Research (NCCER) task list.

CAD Architecture Design 1

(10-12 GRADE – SEMESTER – ½ CREDIT)

The first is a sequence of courses that prepare individuals for careers in the Architecture, Engineering, and Construction (AEC) industry. This course includes instruction in 2D and 3D Computer-Aided Design software to draw a small residential home with an emphasis on print reading. Students will build a cross-section of a model house. This class can be taken as a concurrent enrollment course with Weber State University. **(Pathways Course)**

ENGINEERING TECHNOLOGY

(9-12 GRADE – SEMESTER – ½ CREDIT)

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

AUTOMATED MANUFACTURING (AM STEM) MONDAY THRU FRIDAY 6:50 am to 7:50 am

(10-12 GRADE – FULL YEAR – 1 CREDIT)

This certificate program develops the skills for placement as an Automation Technician. You will develop the knowledge to work in a manufacturing environment using mechanical, electrical, fluid power, controls, and robotic systems. This is a self-paced, individualized training program. Logan High School students receive free BTech tuition and after the certificate, they can also receive 18 credit hours towards a BS Degree at USU. Currently, there is 98% job placement for graduating high school seniors. **(Pathways Course)**

Robotics 1

(10-12 GRADE – SEMESTER – ½ CREDIT)

The first in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical, and engineering principles. Students will learn to design, build, program, and control robotic devices. This is a self-paced class. A rigorous study and application of electrical concepts will include sources of energy, electrical safety, use, and identification of basic electronic components, sensors, and actuators. Students will begin using an Arduino project board and "C" based programming language for all projects. Successful completion of Robotics 1 can be used to complete the BTech's Automated Manufacturing certificate. **(Pathways Course)**

Robotics 2

(10-12 GRADE – SEMESTER – ½ CREDIT)

The second is a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical, and engineering principles. This is a self-paced class. Students will learn how to program and control a Fanuc and Scara Robot arm. These are industry standards in most manufacturing environments. Successful completion of Robotics 2 can be used to complete the BTech's Automated Manufacturing certificate. **(Pathways Course)**

DESIGN AND VISUAL COMMUNICATIONS

DIGITAL PHOTOGRAPHY – PHOTO 1 (CTE CREDIT OR ART CREDIT)

(9-12 GRADE – SEMESTER – ½ CREDIT)

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. **(Pathways Course)**

ADVANCED COMMERCIAL PHOTOGRAPHY PHOTO 2 (CTE CREDIT ONLY)

(9-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: DIGITAL PHOTO

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. **(Pathways Course)**

T.V. BROADCASTING 1

(10-12 GRADE – SEMESTER – ½ CREDIT)

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

T.V. BROADCASTING 2

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: TV BROADCASTING 1

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

VIDEO PRODUCTION 1

(9-12 GRADE – SEMESTER – ½ CREDIT)

This course is designed to provide students with the basic knowledge and skills related to the video production industry. This includes instruction and hands-on assignments in the following areas: camera operation, audio systems, lighting systems, pre-production, studio operations, control room operations, visual effects and graphics, and copyright laws. **(Pathways Course)**

VIDEO PRODUCTION 2

(10-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: Video Production 1

This course is designed for students who want to further enhance their filmmaking knowledge and abilities. It is an application of the skills learned in Video Production 1 with an additional emphasis on advanced techniques in cinematography, audio production, post-production, and storytelling. Students are expected to create a portfolio by the end of the course. **(Pathways Course)**

General Financial Literacy

FINANCIAL LITERACY

(11-12 GRADE – SEMESTER – ½ CREDIT)

A required one-semester course designed to enable students to implement those decision-making skills that they must apply and use to become wise and knowledgeable consumers, savers, money managers, users of credit, investors, and productive members of society.

INTRO TO PERSONAL FINANCIAL PLANNING

(FCSE 1350 CE – 3 Credits USU)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Prerequisite: Teacher Approval

Face to Face

This concurrent enrollment course is designed for high school juniors and seniors who plan on attending college. After this course, students should have the foundation necessary to apply the decision-making skills needed to be knowledgeable and effective consumers, money managers, savers, investors, users of credit, citizens, and productive workers in a global workforce and society.

SPECIALIZED CLASSES

AVID - Advancement Via Individual Determination

(10-12 GRADE – FULL YEAR – 1 CREDIT)

AVID is a college readiness support system that prepares students in the academic middle for four-year college eligibility and success by placing them in rigorous classes with support from tutorials during the AVID elective class. This course includes practicing organizational and study skills, working on critical thinking and asking probing questions, getting academic help from peers and college tutorials, and participating in enrichment and motivational activities that create college readiness. AVID includes career and college research, building a resume of service and leadership experiences, tutorials, preparing for college entrance tests, and understanding the financial support available.

SPIRIT SQUAD

(9-12 GRADE – SEMESTER – ½ CREDIT)

Prerequisite: *TRYOUT*

Cheerleading and Drill helps to promote and display school spirit through cheering and dancing at various sporting events, assemblies, and Cheer/Drill competitions. *A tryout is required.*

ENGLISH LANGUAGE LEARNERS I-II

(9-12 GRADE – FULL YEAR – 2 CREDIT)

English Language Learners will develop the necessary listening, speaking, and reading skills for communication, word recognition, comprehension, interpretation, analysis, evaluation, and appreciation of print to be successful in the mainstream classroom.

ENGLISH LANGUAGE LEARNERS III

(9-12 GRADE – FULL YEAR – 1 CREDIT)

English Language Learners will develop the necessary listening, speaking, and reading skills for communication, word recognition, comprehension, interpretation, analysis, evaluation, and appreciation of print to be successful in the mainstream classroom.

PEER TUTOR BILINGUAL

(9-12 GRADE – SEMESTER – 1 CREDIT)

Recommended: *GOOD ATTENDANCE*

This course offers students the opportunity to work with students who are learning English as a second language (ESL). Students will often work one-on-one to support ESL students in their academic classes with assignments, social skills, and communication to promote academic success.

PEER TUTOR

(9-12 GRADE – SEMESTER – 1 CREDIT)

Recommended: *GOOD ATTENDANCE*

This course offers students the opportunity to learn teaching skills applied in special education. Students will work in one-on-one situations teaching academics, social skills, and vocational skills. Peer tutors will learn to help people with disabilities meet new people, make friends, and participate in school activities. This course prepares students to be advocates for students with disabilities.

PRINCIPLES OF EFFECTIVE PEER TEACHING

(SPED 1000 CE – 2 Credits USU)

(11-12 GRADE – SEMESTER – ½ CREDIT)

Face to Face

This course provides students with an opportunity to learn more about teaching careers by participation in a peer tutoring program for special education students with mild or severe disabilities. This class is also intended to teach the skills necessary to become an advocate for people with disabilities. Peer tutors will be taught basic instructional skills and introduced to the principles of instructional decision-making. The course fills an elective credit at USU for the SPED major. It can count as Teaching Support as well as experience points on an application for the SPED major.

STUDENT GOVERNMENT

(Class assigned after winning an elected position in Student Government)

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *VOTED IN DURING ELECTIONS IN THE SPRING*

Student Government provides *elected* officials the opportunity to learn how to operate student school government.

HOPE SQUAD

(9-12 GRADE – FULL YEAR – 1 CREDIT)

This course/program is to support students and their peers with their emotional and mental well-being. HOPE Squad students are trained how to be active listeners so they may help and respond to peers who are struggling with emotional issues such as depression and suicide. HOPE Squad members are trained to share concerns with an adult. HOPE Squad students also bring mental health awareness to the school. The goals of the HOPE Squad program are to: Prevent suicide and reduce suicidal behaviors. Admittance to this class is determined through peer nomination followed by administration approval.

LATINOS IN ACTION

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *2.0 OR HIGHER GPA & RECOMMENDATION FROM A TEACHER*

Latinos in Action is a student government program that supports bilingual-speaking high school students in Spanish and English to utilize their language skills to support their school and their community. The objective is to help students acquire leadership & social skills, improve their academic achievement and linguistic proficiency, and to help prepare them to transition into university programs. LIA students serve as role models, mentors, and para-educators for elementary students and perform other community services throughout the year.

GRIZZ ACADEMY

(9TH GRADE – SEMESTER - ½ CREDIT)

This course aims to provide 9th grade students with the skills to be successful in high school. The curriculum includes how to read documents and build literacy skills, how to take notes, how to balance school and home obligations, strategies for organizational skills, and developing executive functioning skills. There are themes of general societal behavior expectations, school wide expectations, as well as setting goals and making plans for post secondary. Each 9th grader will have this course in their schedule in the first semester of their high school career, with the exception of 9th grade students enrolled in AP Human Geography.

RELEASE TIME A & B

(9-12 GRADE – SEMESTER – 0 CREDIT)

Religious instruction on a non-credit basis – e.g. Seminary.

CAREER CENTER AIDE

(11-12 GRADE – SEMESTER – ½ CREDIT)

This course is offered for students to serve as a student aide or assistant to LHS staff.

OFFICE AIDE

(11-12 GRADE – SEMESTER – ½ CREDIT)

This course is offered for students to serve as a student aide or assistant to LHS staff. Students need to have a 2.0 GPA and be on track to graduate.

TEACHER AIDE

(11-12 GRADE – SEMESTER – ½ CREDIT)

This course is offered for students to serve as a student aide or assistant to LHS staff. Students need to have a 2.0 GPA and be on track to graduate.

YEARBOOK 1

(9-12 GRADE – YEAR – 1 CREDIT)

Prerequisite: Teacher Approval

This one-semester class will help the students create and correct simple publications using the tools found in a desktop publishing package. Students will be able to use the help screens and written procedures to problem-solve documents used to create, format, illustrate, design, edit, and print while designing the LHS yearbook.

SPECIAL EDUCATION (SPED) / CO-TAUGHT / BASIC / LIFE SKILLS CLASSES
(MUST HAVE AN INDIVIDUAL EDUCATIONAL PLAN [IEP]
TO TAKE THESE COURSES)

LANGUAGE ARTS - SPED

(9-12 GRADE – FULL YEAR – 1 CREDIT)

This course is required for all 9-12 students and is designed to help prepare students for mandated tests. The curriculum involves all genres and communication and writing skills of language arts.

SECONDARY MATH I CO-TAUGHT

(9-12 GRADE – FULL YEAR – 1 CREDIT)

A beginning course for students to study the relationship between linear and exponential functions, deepen and extend their understanding of geometric knowledge, and make sense of problems through reasoning and use of technology.

SECONDARY MATH I BASIC

(9-12 GRADE – FULL YEAR – 1 CREDIT)

A beginning course for students to study the relationship between linear and exponential functions, deepen and extend their understanding of geometric knowledge, and make sense of problems through reasoning and use of technology.

SECONDARY MATH II CO-TAUGHT

(9-12 GRADE – FULL YEAR – 1 CREDIT)

Prerequisite: *SECONDARY MATH I*

The focus of this course is quadratic expressions, equations, and functions. Probability and right angle trigonometry are also covered. Students will make sense of problems through reasoning and the use of technology.

SECONDARY MATH II BASIC

(9-12 GRADE – FULL YEAR – 1 CREDIT)

The focus of this course is quadratic expressions, equations, and functions. Probability and right angle trigonometry are also covered. Students will make sense of problems through reasoning and the use of technology.

TRANSITION

(9-12 GRADE – FULL YEAR – 1 CREDIT)

This course is designed to prepare students for employment and independent living. The following areas will be covered in this course: career awareness and career success. This course will also provide opportunities to assist students in grades 9-12 toward mastery of core standards and objectives as they pertain to each student's Individualized Education Program (IEP).

BRIDGERLAND TECHNICAL COLLEGE (BTech) COURSES

The following courses are taught at the Bridgerland Technical College (BTech). Transportation to and from BTech will be provided on a scheduled basis. BTech in Logan provides an exciting opportunity for advanced vocational/technology training. The BTech programs feature the latest technology in each area of study with an emphasis on training to be ready to enter the job market. The programs are fast-paced and challenging. Although open to students of any level, these technology classes are generally recommended for students who have completed basic courses for high school (where offered) and are ready to move into more in-depth technical training.

Note from BTech:

Thank you for your interest in career and technical education and especially for your interest in attending Bridgerland Technical College (BTech). To simplify your enrollment process at BTech we are asking that every student who is planning to attend a course at BTech, complete an "Admissions Form." The form can be found on the internet by going to my.btech.edu, clicking on the admissions tab, and choosing the high school application. We are asking that you please complete the form before your first day of class. This will allow us to more effectively serve you as our students and maximize your instructional time. We have many programs for you to choose from. Please visit our website, btech.edu, to find what is offered. If you have further questions, please do not hesitate to contact the high school secretary at (435) 750-3189. We look forward to seeing you on our campus. BTech Student Services

For further information, please visit:

<https://btech.edu>

ANIMAL SCIENCES/PRE-VET TECH

(11-12 GRADE – SEMESTER – 1 CREDIT)

Learn animal nursing, emergency care, veterinary terminology, and anatomy. Introduces skills needed to keep animals healthy and to nurse them when they are ill, including, obtaining animal health histories and records, providing specialized nursing care under the directions of a veterinarian, assisting in surgical procedures, washing, feeding, and caring for animals, understanding animal communication, behavior, and training. Veterinary assisting is a rewarding career in a growing field.

AUTO COLLISION

(10-12 GRADE – SEMESTER – 1 CREDIT)

This fun program provides an opportunity to repair and paint modern vehicles. Instruction and hands-on experience provide experience and panels and fenders–person vehicles are rarely allowed. Safety, environmental protection, fundamentals of collision repair, vehicle identification, estimating systems and terminology, frontal impact analysis, restraints, interior, glass, side/rear impact analysis, hazardous materials, personal safety, refinish safety, and corrosion protection are covered.

AUTOMOTIVE SERVICE

(10-12 GRADE – SEMESTER – 1 CREDIT)

Starts with an overview of automobile equipment and its operating systems. Emphasis will be placed on safety in the auto shop, common hand tools and equipment, and the operation of various systems. Students have the opportunity to complete minor repairs and preventative maintenance procedures on their vehicles. As students progress through the curriculum, they will have an opportunity to learn ASE areas of electrical systems, engine performance, manual drive trains, automatic transmissions, steering and suspension systems, brakes, and other ASE-certified areas. This course is individualized and includes extensive hands-on experiences.

AUTOMATED MANUFACTURING

(10-12 GRADE – SEMESTER – 1 CREDIT)

Automation Technician Basics – 3D Modeling – Introduction to Industrial Robotics – Basic Workplace Safety – Basic Electrical Theory and Wiring – Fluid Power Pneumatics – Fluid Power Hydraulics – Electrical Motor Controls – Programmable Logic Controllers 1

AM STEM ACADEMY - AUTOMATED MANUFACTURING

(10-12 GRADE – SEMESTER – 1 CREDIT)

*Broadcast class held on LHS campus.

Basic Workplace Safety - Basic Electrical Theory and Wiring – Fluid Power Pneumatics – Electrical Motor Controls – Programmable

Logic Controllers 1 - Automation Technician Basics – Electronics Assembly and Soldering - 3D Modeling – Microcontrollers 1 – Microcontrollers 2 - Introduction to Industrial Robotics

BUILDING TECHNOLOGY

(10-12 GRADE – SEMESTER – 1 CREDIT)

The Building Technology Program gives the student hands-on experience in the actual construction of a home. The student will be involved in all phases from planning and estimating to the foundation, framing, and finishing work. All of the classroom and building experiences are conducted by instructors who are experienced in general contracting and teaching. While the primary emphasis of this program is residential construction, certain processes found in commercial buildings are also covered.

BUSINESS TECHNOLOGY

(10-12 GRADE – SEMESTER – 1 CREDIT)

Want to run your own business or work in a business career? Learn topics of your choice. Each course completed will receive credit in the full-time program if enrolled within one year of graduation. Students select from the following subject(s):

- **Accounting I & II**
- **Business Math**
- **Microsoft Application Software**
- **QuickBooks Pro (Prerequisite of Accounting I)**
- **Operating System Fundamentals**
- **Online Applications**
- **Social Media Marketing (Prerequisite of Online Applications)**
- **Keyboarding**

CERTIFIED NURSING ASSISTANT (CNA)

(11-12 GRADE – SEMESTER – 1 CREDIT)

Students learn basic nursing assistant skills needed to work in a hospital, nursing home, or home health agency. Students prepare to take the Certified Nursing Assistant state board exam for state certification; the exam is optional and can be taken up to one year after course completion. Students must have a reading level high enough to enable him/her to pass the class and take the state board exam if he/she chooses. Federal/State mandates require that students seeking certification must pass all course exams with 75 percent or higher. A 24-hour internship in a nursing home is a course requirement and 100 hours of training is required to receive certification. Attendance policies are rigidly enforced. Students must provide their transportation to clinical facilities.

CULINARY ARTS

(10-12 GRADE – SEMESTER – 1 CREDIT)

Prepares students to work in one of the largest employers in the nation. Introduction to the food industry is provided by giving lessons in basic food preparation, safety, sanitation, knife skills, equipment, salad bar preparation, catering, table setting, clean up, and vital waiter/waitressing skills.

DENTAL ASSISTING

(10-12 GRADE – SEMESTER – 1 CREDIT)

For students who plan to pursue a career in the dental field. Students learn prefixes, suffixes, and dental definitions. They will also learn the basics of four-handed dentistry as well as to chart teeth, pass instruments, position patients, mount X-rays, take impressions, pour models, mix cement, and assist the dentist. Students will also learn a variety of general office management skills (scheduling appointments, telephone etiquette, filing charts, billing insurance, etc.)

DIESEL

(10-12 GRADE – SEMESTER – 1 CREDIT)

A series of courses starting with an overview of heavy-duty equipment and its operating systems. Emphasis is placed on safety, common hand tools, equipment, and operation of systems. Learn diagnosis, maintenance, and repair of over-the-road trucks, construction equipment, and agriculture equipment; and choose optional 4-wheel drive repair, including repair of transmission, transfer cases, front/rear differentials, engine overhaul, tune-up, and performance testing.

DRAFTING

(10-12 GRADE – SEMESTER – 1 CREDIT)

Learn the skills needed to become a drafter. Designers, architects, and engineers all require entry-level and advanced drafters to help produce their drawings. Content areas include 3D Modeling and Animation Design, 3D Parametric Solid Modeling, Architectural 3D Modeling and Rendering, Architectural Drafting, Basic Computer-Aided Drafting, and Technical Drafting. The sequence of course delivery will be determined in consultation between the student and/or instructor/department head.

DRUG DOSAGES & CALCULATIONS

(10-12 GRADE – SEMESTER – 1 CREDIT)

This class is strongly suggested for students who plan a career in nursing, pharmacy, or medicine. Students will learn medical math from the basics through IV dosages and calculation as well as metric conversions. This is encouraged for Pharmacy Technician students and a prerequisite for Bridgerland's Practical Nursing program.

ELECTRONIC ENGINEERING TECHNOLOGY

(10-12 GRADE – SEMESTER – 1 CREDIT)

Electronics Assembly and Soldering – Electronics Fundamental DC & AC – Semiconductor Devices – Digital Fundamentals – Communication Circuits – Microcontrollers 1 & 2 – Drone Technology and Piloting

FASHION MERCHANDISING A

(10-12 GRADE – SEMESTER – 1 CREDIT)

Hands-on experiences introduce fashion styling, cosmetic and fragrance industry, accessories, and fashion show production. Develop the skills needed to work in the retail industry assisting clients in making better clothing and accessory choice. Students will participate in planning and producing a lice fashion show.

FASHION MERCHANDISING B

(10-12 GRADE – SEMESTER – 1 CREDIT)

Study the top fashion designers and what inspires their collections and then try your hand at it as you experience the design process. Students learn about trend forecasting, the apparel industry, fashion history, and textiles, as well as retailers.

INFORMATION TECHNOLOGY (IT)

(10-12 GRADE – SEMESTER – 1 CREDIT)

Find out how to apply practical, step-by-step strategies to diagnose and solve hardware and software malfunctions, upgrade and streamline your system, boost performance, service, maintain, and optimize personal computers. Learn how to recognize threats to your system, the fundamentals of fiber-optics, and basic troubleshooting. Students can tear down and rebuild a PC as part of this course.

PM STEM IT ACADEMY

(10-12 GRADE – SEMESTER – 1 CREDIT)

*Class held on LHS campus.

Do you like computers, programming, and all things Cyber? Learn about PC hardware, programming, networking, cyber security, web development, Linux, Mac, and Raspberry Pi. This free program is offered after school M-Th with options of multiple entry points during the year. Complete a BTech industry-recognized certificate while in high school. Complete 30 credits toward an associate's degree at USU (equivalent to one year) – tuition-free. Students completing the first course are eligible to program and take home a Raspberry Pi.

INTERIOR DESIGN

(10-12 GRADE – SEMESTER – 1 CREDIT)

Students will be introduced to the basic steps of Interior Design, starting with a study of the multiple design styles, definitions, and details of each design style that are relevant to the interior design industry. Students will also be instructed on Color Theory and Elements and Principles which are the basic rules of design, and learn how to apply this instruction to projects and assignments designed to inspire creative thought and develop skills needed to be an interior designer. This training will be used to organize and create design concepts, with visuals used for student presentations. Students will be given hands-on design project opportunities, to show that they can apply what they have learned, and unify the concepts of design and assignment instruction into a final product. Students may choose to create an original custom design of their own or re-design an existing design, such as a piece of

furniture or artwork while learning to manage project budgets and deadlines.

HEAVY EQUIPMENT OPERATIONS

(11-12 GRADE – SEMESTER – 1 CREDIT)

This course is designed to provide an introduction to the heavy equipment industry and basic heavy equipment operation. Students will be instructed by trained operators that have been employed in the heavy equipment operations industry. Each student will receive hands-on experience with the available.

MACHINING TECHNOLOGY

(10-12 GRADE – SEMESTER – 1 CREDIT)

Do you like to create things using both your mind and your hands? Use hi-tech equipment such as lathes, mills, and CNC (computer numerical control) equipment to turn and mill surfaces to precise measurements. Advanced students will develop drawings using Computer Aided Drafting (CAD) systems and then build the parts using the CNC equipment.

MEAT SERVICES

(10-12 GRADE – SEMESTER – 1 CREDIT)

Learn the basic skills for a prosperous and satisfying career in the meat production industry. Students learn harvesting of beef, pork, and lamb; wholesale, retail, and custom meat cutting practices; knife care; purchasing; inspection; merchandising; advertising; and public relations. This hands-on experience enables students to work in an entry-level meat business with excellent job opportunities and high earning potential. This program is equipped with state-of-the-art equipment and provides an amazing environment for meat cutting training.

MEDIA DESIGN

(10-12 GRADE – SEMESTER – 1 CREDIT)

Learn tools and techniques to develop creative internet and print materials. Develop an understanding of the current software application and methods for design. Build a strong foundation in the diverse fields of graphic design, digital video, and multimedia design.

MEDICAL ASSISTING

(10-12 GRADE – SEMESTER – 1 CREDIT)

Prerequisite: Medical Terminologybusn 1021

This course is the first step in the Medical Assisting Program at Bridgerland Technical College. The course covers Medical Assisting Clinical Procedures I, Medical Law and Ethics, and Workplace Relations. Emphasis will be placed on the role of the Medical Assistant, professionalism, medical law, and communications. The course will also include infection control, basic laboratory concept, and administrative as well as clinical medical Assisting skills.

MEDICAL TERMINOLOGY

(10-12 GRADE – SEMESTER – 1 CREDIT)

This class enables students to understand the language of medicine, which is based on Greek and Latin. Students will learn the terminology used in medical transcription, medical assisting, nursing assisting, nursing, physical therapy, and all other health-related fields. This is a prerequisite for the Bridgerland Practical Nursing and Medical Assisting Programs and is strongly recommended for students who plan to pursue a healthcare career.

PHARMACY TECHNICIAN

(11-12 GRADE – SEMESTER – 1 CREDIT)

The course covers pharmacy and state law, key concepts in the workplace, terminology, calculations, prescriptions and prescription labels, routes and formulations, non-sterile and sterile compounding, basic biopharmaceutics, and common drugs and their uses.

REAL ESTATE

(10-12 GRADE – SEMESTER – 1 CREDIT)

New Real Estate –Home ownership epitomizes the “American Dream” and buying a home is the biggest investment most people make in their lifetime. Students enrolled in this course will be introduced to understanding the sales/marketing process, investing in real estate, and the many steps in buying and selling a home. The focus of the course will also include financing sources, customer relations, the use of advertising and the media, and careers in real estate.

WEB & MOBILE DEVELOPMENT

(10-12 GRADE – SEMESTER – 1 CREDIT)

Learn core Web Development and coding skills currently in high demand with expected growth shortly. Learn HTML, CSS, MySQL, PHP, JavaScript, jQuery, and Bootstraps while in High School. Upon successful completion, of course, students can earn credit towards the BTech adult Web & Mobile Development certificate. May also be applied towards credit at USU.

WELDING

(10-12 GRADE – SEMESTER – 1 CREDIT)

Offers basic welding training in seven welding processes. The class will teach entry-level skills for production and industrial employment. Blueprint reading, welding inspection, basic metallurgy, layout, and fabrication skills are taught with hands-on welding. Basic courses are offered every semester. Students who enroll for consecutive semesters will work towards a BTech welding certificate including robotics and welder qualifications. Students will be eligible to receive a Bridgerland Welding completion certificate when all requirements are met.

INNOVATIONS

Students enrolled in the Innovations program will take their core classes in a blended-learning classroom. Students have access to their classwork online and can work through the material at their own pace. Classroom teachers provide daily lessons and interventions to meet the individual needs of all students.

Language Arts 9-12
Secondary Math I-III
Biology
Chemistry

Astronomy
Geography for Life
World History
US History

US Gov't & Citizenship

ADVANCED PLACEMENT (AP) COURSES

AP Art Studio 2D Design Photo
AP Art Studio 3D Design Ceramics
AP Art Studio Drawing/Painting
AP Biology
AP Calculus
AP Chemistry
AP English Language

AP Environmental Science
AP European History
AP Human Geography
AP Literature & Composition
AP Physics I
AP Psychology
AP Spanish

AP German
AP Statistics
AP United States History
AP US Government & Politics

CONCURRENT ENROLLMENT (CE) COURSES

Concurrent Enrollment courses are offered to students who meet the GPA requirements of 3.0 or higher. Courses identified with an * have a 2.5 or higher GPA requirement.

UTAH STATE UNIVERSITY

You must complete a USU application and pay the one-time application fee of \$50 to enroll in these classes. The cost is then \$5 per credit hour. The following classes are offered Face to Face on LHS campus. See <https://concurrent.usu.edu>

ART 1010 CE	EXPLORING ART
BIO 1010 CE	BIOLOGY AND THE CITIZEN
FCSE 1350 CE	INTRO TO PERSONAL FINANCIAL PLANNING
CHEM 1010 CE	INTRO TO CHEMISTRY
ENGL 1010 CE	INTRODUCTION TO WRITING
HDFS 1500 CE	HUMAN DEVELOPMENT ACROSS THE LIFESPAN
HIST 1700 CE	AMERICAN CIVILIZATION
MATH 1050 CE	COLLEGE ALGEBRA
MATH 1060 CE	TRIGONOMETRY
MUSIC 1010 CE	INTRODUCTION TO MUSIC
SPED 1000 CE	PRINCIPLES OF EFFECTIVE PEER TEACHING
STAT 1040 CE	INTRO TO STATISTICS

WEBER STATE UNIVERSITY

You must complete a WSU application and pay the one-time application fee to enroll in these classes. Classes are offered Face to Face (FF)

HTHS 1101 CE

MEDICAL TERMINOLOGY (FF)

HTHS 1110 CE

ADV. MEDICAL ANATOMY & PHYSIOLOGY 1st Semester (FF)

HTHS 1111 CE

ADV. MEDICAL ANATOMY & PHYSIOLOGY 2nd Semester (FF)

BTech FEES 2023-24		
Program	Course Name	Fees
American Sign Language	ASL I, ASL II, ASL III	None
Animal Science	Vet Tech	\$67 - \$133 \$25 Lab Fee
Auto Collision	Auto Collision	Approx. \$25
Automated Manufacturing	Automated Manufacturing AM STEM	\$75 Full Year Not Prorated
Automotive Service	Automotive Service	Approx. \$30
Building Technology	Carpentry	\$40
Business Technology	Business Technology	\$0 - \$120
Cabinetmaking	Cabinetmaking	Varies
Certified Nursing Assisting (CNA)	Certified Nursing Assisting (CNA)	Approx. \$140 - \$260
Culinary Arts	Culinary Arts	Approx. \$80
Dental Assisting	Dental Assisting	Approx. \$15 - \$1000
Diesel	Diesel Mechanics	\$20 Fee & Approx. \$28
Drafting	Drafting Technology	None
Drug Dosages & Calculations	Drug Dosages & Calculations	Approx. \$100
Electronic Engineering Technology	Electronic Engineering Technology	\$75 Full Year Not Prorated
Fashion Merchandising	Fashion Merchandising A, B Beginning & Adv. Sewing	\$15-\$25 Per Semester \$20 Packet
Information Technology (IT)	Information Technology (IT)	\$25 Per Semester
PM STEM IT Academy	PM STEM IT Academy	None
Interior Design	Occupational Interior Design	\$40 Per Semester
Intro to Heavy Equipment Operations	Intro to Heavy Equipment Operations	\$25 Fee
Machining Technology	Machining Technology	\$10-\$20 \$75-\$128 (Advanced)
Meat Service	Meat Cutting	\$20-\$120
Media Design	Drafting Graphics	None
Medical Assisting	Medical Assisting	\$15 Supplies
Medical Terminology	Medical Terminology	Approx. \$85 Book
Pharmacy Technician	Pharmacy Technician	\$20 Lab Fee
Real Estate	Real Estate	None
Web & Mobile Dev.	Web & Mobile Dev.	None
Welding	Welding	Approx. \$30-\$80
*Fee Waivers may cover some expenses. Please see your counselor		

LHS CONCURRENT CLASS FEES 2023-24				
Concurrent Class	Course Title	College Credit	\$5.00 Per Credit (College Credit Fee)	LCSD Yearly Fee
ART 1010	Exploring Art	3	\$15.00	\$25.00
AT 2175	Sports Medicine	3	\$15.00	\$25.00
BIOL 1010	Biology & The Citizen	3	\$15.00	\$25.00
BUSN 1021	Intro to Personal Financial Planning	3	\$15.00	\$25.00
CHEM 1010	Intro to Chemistry	3	\$15.00	\$25.00
ECON 1500	Economic Institutions	3	\$15.00	\$25.00
ENGL 1010	Intro to Writing	3	\$15.00	\$25.00
GERM 1010	German First Year I	4	\$20.00	\$25.00
GERM 1020	German First Year II	4	\$20.00	\$25.00
HDFS 1500	Human Dev. Across Lifespan	3	\$15.00	\$25.00
HIST 1700	American Civilizations	3	\$15.00	\$25.00
HTHS 1101	Medical Terminology	2	\$10.00	\$25.00
HTHS 1110	Advanced Medical Anatomy & Physiology	4	\$20.00	\$25.00
HTHS 1111	Advanced Medical Anatomy & Physiology	4	\$20.00	\$25.00
MATH 1050	College Algebra	4	\$20.00	\$25.00
MATH 1060	College Algebra	2	\$10.00	\$25.00
MUSIC 1010	Intro to Music	3	\$15.00	\$25.00
PSY 1010	General Psychology	3	\$15.00	\$25.00
SPED 1000	Peer Tutor	2	\$10.00	\$25.00
STAT 1040	Intro to Statistics	3	\$15.00	\$25.00
USU 1320	Civilizations: Humanities	3	\$15.00	\$25.00
*Any concurrent classes not listed will be charged a \$25.00 school fee and \$5.00 per credit fee for colleges. (Approved 12/9/2014)				
PLEASE NOTE: Students will need to make out a separate check to their college during the registration process for the "College Credit Fee"				

**LOGAN HIGH
2023-2024 FEE SCHEDULE**

Fee Name	Description	FEE	PER
Registration	Activity & Curriculum	\$75	YEAR
MacBook/ Chromebook		\$50	YEAR
Language Arts	English 9, 10, 11, 12, English Honors, Creative Writing, Shakespeare	\$6	YEAR
Social Studies	Geography, World History,	\$6	YEAR
Math		\$10	YEAR
Science		\$15	YEAR
FINE ARTS			
Instrumental	Concert Orchestra	\$110	YEAR
	Sinfonia Orchestra	\$25	YEAR
	Philharmonic and Chamber Orchestra	\$25	YEAR
	Symphonic/Wind Band	\$16	YEAR
	Percussion Ensemble Intermediate & Advanced	\$60	YEAR
	Instrument Rental	\$60	YEAR
	Instrument Rental – Summer	\$30	SUM
	All-State Band	\$200	EACH
	In state Orchestra Trip	\$185	EACH
Theater	Musical & Play Production	\$50	SEM
	Theater Arts, Stagecraft	\$25	SEM
	Film Studies	\$10	SEM
	Utah Theater Association Conference	\$190	EACH
Visual	AP Art Studio A & B	\$80	YEAR
	Art 1010	\$15	YEAR
	Foundations, Ceramics, Drawing, Painting, Photography, Sculpture	\$40	CLASS/SEM
	Sculpture	\$60	CLASS/SEM
Vocal	Chauntaires	\$40	YEAR
	Chorus (S/A, T/B)	\$40	SEM
	Crimson Colony	\$60	YEAR
	Choir 1	\$25	SEM
	Local Trip	\$150	SEM
	All- State Choir	\$200	EACH
Health/ Physical Education	Athletic Skill Dev., Dance, Fitness for Life, Health Ed., Lifetime Activities, Participation Skills, Weight Training	\$3	CLASS/SEM
World Languages	Portuguese, German, Spanish	\$8	SEM

Business	Accounting, Business Economics, Entrepreneurship, Hospitality & Tourism, Marketing, Retailing, Sports & Entertainment Marketing, Workplace Internship	\$10	CLASS
Family & Consumer Science	Apparel Design & Production, Child Development, Early Childhood Education, Fashion Design, Food & Nutrition, Human Dev., Interior Design	\$10	CLASS
Health Science	Medical Anatomy, Exercise & Sports Medicine, Medical Terminology	\$10	CLASS
Technology	Aviation, Aircraft Systems, Private Pilot, Flight Simulator, Construction Tech., Carpentry, Computer Sci, Gaming, Web Design, Video Production. Engineering Tech	\$25	CLASS

Approved by the Logan City School Board February 2023