



Lakeland High School

Home of the Hawks
Curriculum Guide - 2022-23

LAKELAND HIGH SCHOOL MISSION STATEMENT

The mission of Lakeland High School is to *empower* students to develop their individual potential by acquiring the knowledge, skills, and values needed to contribute to a healthy, productive community.

You are responsible for meeting all graduation requirements. Read the sheet containing these requirements carefully. You cannot receive your diploma or go through commencement exercises until you have met all the requirements. If you are planning to attend a four-year college or university after graduation, you should select the most rigorous course of study possible which typically includes honors, AP or college dual credit classes. Students planning to attend an out of state four year college or university immediately after high school should plan on taking two years of a foreign language. Carefully check the entrance requirements of the institution of your choice as these vary by institution and talk to your counselor or college mentor if you have any questions.

Students who reside in our district and are seeking a Lakeland High School Diploma are expected to enroll as full-time students at LHS. If a student is dual enrolled, they are considered a non-diploma seeking student, unless they are taking classes from an outside educational provider for credit recovery. The non diploma seeking student could decide at any time from their freshman year up until the start of their senior year to move from non-diploma seeking to diploma seeking by enrolling as a full-time student at LHS. If a student continues to dual enroll as stated above, past the start of their senior year, they will be categorized as a non-diploma seeking student at LHS even if they enroll full-time the spring semester of their senior year.

Grading Scale/Transcript Information

A grade will be recorded for any class that a student fails or withdraws from after the 2nd week of the class. Fall semester schedule changes need to be completed by the end of the first week of fall semester. Spring semester schedule changes need to be completed by the 3rd day of the spring semester. To be considered a full time student and diploma seeking, the student must be taking five classes and an equivalent of 5.5 credits per semester.

Students who earn a D in an academic course will be allowed to retake that course for elective credit. Both attempts will be recorded on the transcript and will be included in the student's cumulative G.P.A.

Students who earn a C or higher in 8th grade Algebra 1 will have that course transcribed as an elective credit unless the parent submits a written request prior to graduation. If a student takes Algebra 1 in 8th grade and chooses to repeat Algebra 1 in high school, the course taken in 8th grade will not appear on the transcript.

Teacher aides will receive one-half credit. Aides will be graded on a pass/fail basis and only one period may be scheduled for an aide course. Per district policy, students will be limited to two semesters of teacher/office aide throughout high school.

Lakeland High School will utilize both a weighted and unweighted grade point system. Unweighted GPA will be used to determine Honor Roll, Green and Gold eligibility, Valedictorian/Salutatorian and Class Rank. Idaho colleges and universities utilize unweighted GPA for admission requirements and scholarship considerations.

Unweighted grades are calculated based on:

A=4.0 Grade Points B=3.0 Grade Points C=2.0 Grade Points D=1.0 Grade Points

The following weights are applied to AP (Advanced Placement) and Dual Credit:
A=5.0 Grade Points B=4.0 Grade Points C=3.0 Grade Points D=2.0 Grade Points

The following weights are applied to Honors Classes:
A=4.5 Grade Points B=3.5 Grade Points C=2.5 Grade Points D=1.5 Grade Points

Valedictorian/Salutatorian Requirements

To be considered for valedictorian/salutatorian recognition the following criteria must be met: (1) Student must take all honors or college equivalent courses that are available in English and math*; and (2) Students must have completed at least five credits from the following courses – Chemistry, Physics, Trig/Pre-Calculus, or Calculus*. Unweighted cumulative G.P.A. will be reviewed for students meeting the criteria listed above and will be used to award the honor of valedictorian and salutatorian. A student’s weighted G.P.A. will be used to determine valedictorian/salutatorian recipients in an event of a tie between students from the criteria above starting with the class of 2024.

* Students may take dual-credit or online classes to meet these requirements with administrative approval. Students must take a minimum of three classes on the Lakeland High School campus during each semester of their junior and senior years. Students who transfer into LHS prior to the end of the first semester of their junior year will be eligible if they have taken all available honors or college equivalent classes at their previous school (s). Administrative approval is required for exceptions to the valedictorian/salutatorian criteria.

Athletes/Speech/Music/Drama Participants

-Students participating in IHSAA competitions must earn 5 credits each semester. Transfer students' academic eligibility will be reviewed by athletic administration to determine eligibility status. Failure to earn 5 credits results in the student being ineligible for the following semester.

-Students attempting to regain eligibility for IHSAA activities must have completed the required 5 credits by the start of the semester in which the activity begins.

-To maintain eligibility within an activity season, students may not have more than one failing grade. A student failing two or more classes within an activity season remains a member of the team, but is unable to compete in games/competitions until the student is able to demonstrate they are no longer failing two or more classes.

To be eligible for NCAA or NAIA athletic scholarships students must meet requirements determined by these entities. These requirements are articulated in the following websites:

[NCAA Requirements - http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf](http://fs.ncaa.org/Docs/eligibility_center/Quick_Reference_Sheet.pdf)

[NAIA Requirements - https://www.ncsasports.org/naia-eligibility-center/requirements](https://www.ncsasports.org/naia-eligibility-center/requirements)

Senior Project Guidelines

Lakeland High School students need to complete a Senior Project as a graduation requirement. This project is composed of a paper and a presentation. Students must earn a 70% or better on both parts of the project to meet the graduation requirement. The following are the methods through which seniors will complete this project:

Paper Options (must fulfill one of these options):

- Complete a five page argumentative research paper in AP Junior English at a 70% or better.
- Complete a five page argumentative research paper in Senior English at a 70% or better.
- Complete a five page argumentative research paper in Eng 101 or 102 at a 70% or better.

Presentation Options (must fulfill one of these options):

- Complete a Motivate to Action presentation in COMM 101 offered on the LHS campus at 70% or better.
- Complete a Motivate to Action presentation in speech offered on the LHS campus at 70% or better.
- Complete a Motivate to Action presentation in front of a panel of LHS teachers during 1st semester of senior year at 70% or better.

GRADUATION REQUIREMENTS

LAKELAND HIGH SCHOOL GRADUATION PLAN		
COURSE	CREDIT	GRADE
ENGLISH 1	2	9
ENGLISH 2	2	10
ENGLISH 3	2	11
ENGLISH 4	2	12
ALGEBRA 1	2	9-10
GEOMETRY	2	9 -11
MATH ELECTIVES	4	9 - 12
HEALTH	1	10
SPEECH	1	10-11
PHYSICAL SCIENCE*	2	9
BIOLOGY	2	10
SCIENCE ELECTIVE	2	11-12
US HISTORY 1,2	2	11
US HISTORY - 3**	1	12
U S GOVERNMENT	2	12
ECONOMICS	1	12
PHYSICAL EDUCATION	1	9
HUMANITIES ¹	2	9-12
COMPUTER LITERACY ²	1	9-10
ELECTIVES	12	9-12
TOTAL	46	
Testing Requirements	ELA/Math ISAT Science ISAT	10
	College Entrance Exam (SAT/ACT)	11
	State Civics Exam	11
Senior Project	Research and Presentation	12

Students must meet all State Board of Education Requirements.

*Alternative Track noted on page 7

** Alternative Track noted on page 6

¹ Courses approved for the humanities are modern language, art, music, and theater.

² Courses approved for computer literacy are Computer Applications/Computer Science.

**LAKELAND HIGH SCHOOL
CLASS OFFERINGS
2022-23**

LANGUAGE ARTS – pg. 5

English 1/English 1 H
English 2/English 2 H
English 3/AP Engl Comp
ENGL 101, English 3 H
English 4/ENGL 102,175
Speech/COMM 101

MATHEMATICS – pg. 6

Algebra I Concepts
Algebra 1
Geometry/Geometry H
Algebra 2/Algebra 2 H
Trig/Pre-Calc/MATH
1300,1400
Calculus/MATH 2510
Math Applications
AP Statistics/MATH 2240
Technical Math

SCIENCE – pgs. 8-9

Physical Science
Biology
Ag Biology
CHEM 1200
Wildlife/Forestry
Physics

SOCIAL STUDIES – pg. 7

AP World History
US History 1,2/HIST 111,112
US History 3
US Government
POLS 101/105
Economics

BUSINESS – pg. 7

Intro to Business Professions
Computer Applications 1, 2, 3
Personal Finance

**FAMILY & CONSUMER
SCIENCES – pg. 7**

Teen Living
Nutrition and Foods
International Cuisine
Intro to Culinary Arts

PHYSICAL ED. – pg. 9

Physical Education
Advanced P.E.
Athletic Conditioning I, II
Weight Lifting
Health

HUMANITIES – pgs. 10-12

Art 1
Advanced Arts & Crafts 2, 3, 4
AP Painting and Drawing
Jewelry and Fiber Arts
Painting and Drawing
Pottery 1, 2, 3
Beginning Guitar
Concert Band
Wind Symphony
Concert Choir
A Cappella Choir
Acting I
Acting II
Stagecraft 1
Stagecraft 2
Improvisation Theatre
Movies as Literature

INDUSTRIAL TECH – pg. 9

Industrial Mechanics I, II
KTEC Millwright, Ind. Mech

MODERN LANGUAGE –pg. 10

French 1, 2
Spanish 1, 2

**ADDITIONAL ELECTIVES –
pgs. 12-13**

Animal Science
Agricultural Leadership
AP World History
Computer Science 1, 2, 3
Ed Assistant
Employment Focus
Floral Design
Idaho Digital Learning Alliance
Journalism
Law and Order
Leadership (ASB/Class officers)
Library Aide
Modern Fiction
Psychology
Teacher's Aide/Office Aide
Video Production – Hello Hawks
Yearbook

ADVANCED OPPORTUNITIES

Pgs. 14-19
Career/Technical Pathway
College/University Pathway
Quick Reference Guide

LANGUAGE ARTS

English 1/ English 1 H 2 semesters 2 credits Grade 9
Development of written, visual, and oral communication. Emphasis is placed on reading comprehension and written and spoken language. Prerequisite for honors English: A or B in Honors English in the 8th grade or an A in standard English. Students must earn a 70% or higher to remain in honors English 2nd semester.

English 2/English 2 H 2 semesters 2 credits Grade 10
This course introduces students to various forms of literature. Emphasis is placed on developing oral and written communication skills, building vocabulary, and studying grammar as an integral part of writing. Prerequisite for honors English: C or better in English 1 Honors or B or better in standard English 1. Students must earn a 70% or higher to remain in honors English 2nd semester.

English 3 2 semesters 2 credits Grade 11
This class introduces students to a wide variety of writing experiences including the research paper. Emphasis is placed on mastering writing mechanics, organizing thoughts, and developing ideas. This class surveys American Literature and ideas from the Colonial period to the present day. The development of reading, writing, and vocabulary skills is emphasized.

English 101/Honors English 3
Fall: English 101- Writing Rhetoric I 1 semester 1.5 cr./3 NIC cr. Grade 11-12
Spring: Honors American Literature 1 semester 1 credit Grade 11
Prerequisite: Students taking this course should be at junior or senior status with a minimum 3.0 cumulative gpa. Juniors will go on to take Honors English III in the spring semester and seniors will go on to take English 175 in the spring semester.
English 101 prepares students for the demands of writing for a range of audiences, purposes, and contexts. Students will learn processes and strategies for writing and revising clear, precise, and accurate prose and will demonstrate their abilities in a series of academic essays, mainly expository. Students will also learn to read, analyze, synthesize, and respond to a wide range of written works.
Honors English III- American Literature is a class for honors juniors who have successfully completed English 101. This class surveys American Literature and ideas from the Colonial period to the present day with an emphasis on college-level literature. The development of analysis, vocabulary, and writing skills will be emphasized.

AP ENGL - Language/Comp, ENGL 1020 2 semester 2 cr./3 NNU cr. Grades 11
Prerequisite: Students taking this course should be at junior or senior status with a minimum 3.0 cumulative gpa. This course prepares students for the reading and writing demands of college-level courses. Students analyze both argument and rhetoric in written, visual, and multimedia texts in respect to: lines of reasoning, evidence, reasoning, organization, style, and purpose. In addition, it allows students to explore their own written style and enables them to make intentional persuasive choices. AP Language and Composition is a rigorous course that explores non-fiction texts across critical topics such as gender, the environment, justice, and education. Students are encouraged to take this course if they seek more than just potential college credit, but a challenging and enlightening class that deepens their understanding of the thought and purpose behind texts. Students will take the AP language and Composition exam near the end of the year. Students who take the AP exam may earn additional college credit based on the results of that exam and the AP policy. In addition, students will have the opportunity to earn ENGL 1020 credit which transfers as ENGL 101 at most Idaho Colleges and Universities.

ENGL 175 – Introduction to Literature 1 semester (spring) 1.5 cr./3 NIC cr. Grade 12
This is a survey of literature’s many forms including essays, short stories, poetry, and drama. This course focuses on literature as a primary vehicle for ideas and values and helps students to recognize and appreciate the humanistic and artistic elements of literature. It satisfies an arts and humanities course requirement for the A.S., A.A., and most transfer degrees. A C- or above in ENGL 101 is required to take this course. This course is equivalent to one semester of senior English.

English 4 2 semesters 2 credits Grade 12
This course offers students a variety of writing experiences – essay and research writing. The purpose is to give students writing skills needed by adults as individuals and citizens. How language operates and the development of vocabulary skills will also be taught. This course teaches literature reading skills.

Speech 1 semester 1 credit Grades 10
This course deals with public speaking situations. It explores various means of expression and communication. Emphasis is placed on preparation and delivery of various speaking circumstances.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

MATHEMATICS

Algebra I Concepts

2 semester 2 credits Grade 9

Course content includes variables and expressions, order of operations, distributive properties, integers, rational numbers, square roots, solving equations, ratios and proportions, percentiles, probabilities and odds, relations and functions, graphing linear equations, slope and linear equations, inequalities, monomials and polynomials, quadratic equations, and rational expressions with extra help available.

Algebra 1

2 semesters 2 credits Grade 9-10

Course content includes variables and expressions, order of operations, distributive properties, integers, rational numbers, square roots, solving equations, ratios and proportions, percentiles, probabilities and odds, relations and functions, graphing linear equations, slope and linear equations, inequalities, monomials and polynomials, quadratic equations, and rational expressions.

Geometry Concepts

2 semester 2 credits Grade 10

Course content deals with planar figures, congruence and similarity of convex polygons, and the direct proof, constructions, circles and arcs, right triangles, the concept of area, and an introduction to coordinate geometry with extra help available.

Geometry/Geometry H

2 semesters 2 credits Grades 9-12

This course deals with planar figures, congruence and similarity of convex polygons, and the direct proof, constructions, circles and arcs, right triangles, the concept of area, and an introduction to coordinate geometry.

Algebra 2/Algebra 2 H

2 semesters 2 credits Grades 10-12

This is an extension of Algebra 1 for better understanding and application of basic algebraic skills. Emphasis is on quadratic functions and their solutions.

Trig/Pre-Calculus

2 semesters 2 credits Grades 11-12

Prerequisite: C or better in Algebra 2. This course deals in modern analysis of mathematical systems. It is intended to provide preparation for college courses in analytical geometry, calculus, abstract algebra, and trigonometry. Course content comprises the algebra of real numbers, vectors, complex numbers, and polynomial, exponential and logarithmic functions; trigonometric; fundamental ideas of calculus (limit continuity and derivative).

MATH 1300 - College Algebra

1 semester (fall) 1.5 cr./3 NNU cr. Grades 11-12

This course covers functions, their properties and notation, in both algebraic and graphical context. MATH 1300 satisfies the math requirement for the A.A. and A.S degrees and is the equivalent of one semester of high school trigonometry/pre-calculus. Transfers to Idaho Public Universities as MATH 143.

MATH 1400 - Analytic Trigonometry

1 semester (spring) 1.5 cr./3 NNU cr Grades 11-12

This course includes angles, trigonometric functions, graphs and the application thereof, right-triangle trigonometry, trigonometric and inverse trigonometric functions, and the law of sines and cosines. It is the equivalent of one semester of high school trigonometry/pre-calculus. Transfers to Idaho Public Universities as MATH 144.

Calculus

2 semesters 2 credits/4 NNU credits Grade 12

Prerequisite: C or better in Trig/Pre-calculus. Calculus is the final math course in the math program. Students taking this class will have the option to earn college credit (MATH 2510) for this course through the NNU.

Math Applications

2 semesters 2 credits Grades 11-12

Prerequisite: Algebra 1 and geometry. This course provides a practical approach to math. Numerous hands-on experiences are provided. Concepts of algebra and geometry are incorporated in a meaningful way. This course is accepted as a math course for college entrance in Idaho. Students who have completed Algebra 2 with a C or higher are not eligible to take Math Applications.

AP Probability and Statistics /MATH 2240

2 semesters 3 NNU Credits Grade 12

Prerequisite: Successful completion (C or higher) of Algebra 2. ADVANCED PLACEMENT Probability and Statistics is a yearlong introductory course in descriptive and inferential statistics emphasizing procedures commonly used in measurement, evaluation, and research in the social and behavioral sciences, as well as in business and education. Major topics of study include the basic concepts of sampling distributions, probability, hypothesis testing, Chi-square and F-Distribution, correlation, and regression. Students who take the AP exam may earn additional college credit based on the results of that exam and the AP policy at specific post-secondary institutions. MATH 2240 transfers as an equivalent Elementary/Introductory Statistics course at most Idaho Colleges and Universities.

Technical Math

2 semesters 2 credits Grade 12

Students will learn real-world math skills, including (but not limited to) whole numbers, fractions, ratios, percents, weights and measures, plane geometry, and trigonometric functions. Once enrolled at NIC students can challenge MATH 024 in their area of interest by taking the appropriate final exam.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

FAMILY AND CONSUMER SCIENCES

Teen Living 2 semesters 2 credits Grades 9-10
This is an introductory course to the family and consumer sciences. Teen Living addresses issues of teens and their relationships involving family, school, and community. Areas of personal development, relationships, child development, sewing, interior design, cooking and meal planning, career choices and leadership skills will be enhanced. This course allows students to explore character traits needed to become an effective leader. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

Nutrition & Foods 1 semester 1 credit Grades 10-12
Recommended prerequisite: Teen Living. Yes, we cook! This class covers food preparation methods, career options in nutrition and wellness, a look into what our food is made of, where it comes from and other multicultural cuisine. Ready, Set, Food Safe curriculum allows students to acquire their Food Handlers Permit. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

International Cuisine 1 semester 1 credit Grades 10-12
Recommended prerequisite: Teen Living. Do you eat more ethnic foods than traditional American dishes & have an interest in learning how to prepare international cuisine? In this course we will study the countries of origin that have influenced the USA's favorite foods of today. Students will experience regional cooking and food preparation for the following countries in this course: Mexico, Italy, Greece, France, Thailand, China, India and maybe even more!

Intro to Culinary Arts 1 semesters 1 credit Grades 10-12
Recommended prerequisite: prior FCS class. This class provides students with a foundation in professional food preparation with practical application in career opportunities, reinforced basic skills, food safety and sanitation, use of commercial equipment, industrial food preparation, business management, service techniques and employability skills. May be repeated for credit

SOCIAL STUDIES

U. S. History 1, 2 2 semesters 2 credits Grade 11
This course reviews American history from the settlement of America to World War II. First semester will review early American history and the second semester will study events from reconstruction to World War II.

U. S. History 3 1 semesters 1 credits Grade 12
This semester class will concentrate on events after World War II to the modern era and expose students to a greater understanding of using historical context in order to understand current events. Students who complete HIST 111/112 are exempted from this course as a graduation requirement.

U. S. Government 2 semesters 2 credits Grade 12
This course covers the major elements of American national government beginning with a background of governments in general. It includes a survey of the specific functions of the three branches of the U.S. Government. Other sections deal with the various powers such as taxing and commerce, regulation of immigration and naturalization, civil rights, political parties, pressure groups, suffrage, nominations and elections. The final semester examines state and local government. This will include state constitutions, state finance, municipal government in action, and case studies involving cities of the future.

Economics 1 semester 1 credit Grade 12
This course will give students a working knowledge of world economic systems, trade, economic indicators & supply and demand. Emphasis will be placed on consumer issues such as: credit, banking services including Federal Reserve policy, insurance, buying and fraud, taxes and investments.

AP World History 2 semesters 2 credits Grade 10-11
Students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. Five themes will be explored: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Students who take the AP exam may earn HIST 101 and 102 college credit based on the results of that exam and the AP policy at specific post-secondary institutions.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

BUSINESS

Introduction to Business Professions 1 semester 1 credit Grades 9-12

This class is designed to introduce students to the fundamentals of workplace success and basic business understanding. Students will learn how to define various business terms, explore career pathways, create career building documents including resumes, application letters and applications for employment, and examine current and future business trends and opportunities. Students will also practice interview techniques, business presentations, and examine the day to day operations of general business practices.

Computer Applications 1 1 semester 1 credit Grades 9-12

Computer Applications is designed to introduce the principles and terminology associated with data information processing. The course is intended to advance the student's computer knowledge above the basics to an understanding of operating systems and their interfacing with application software. Word processing, spreadsheet, desktop publishing, database, and presentation software applications are an integral part of this course. Students will also be introduced to web-page design and internet technology (including web searches, bookmarks, saving text and pictures, and electronic mail) . College credit may be earned for this course.

Computer Applications 2 1 semester 1 credit Grades 9-12

Prerequisite: Computer Applications 1. Information and data management, retrieval, merging and presentation represent the framework of the course. Topics include an introduction to database applications, the use of word processing software for creating complex business documents and reports and the use of spreadsheet software for solving mathematically based problems involving business finance. College credit may be earned for this course as well as Microsoft certifications.

Business Computer Applications 3 1 semester 1 credit Grades 10-12

Prerequisite: Computer Applications 2. Solving business problems that require advanced use and integration of productivity applications for data management, data analysis and information presentation represent the framework for this course. The course includes an examination of career and industry certification opportunities as they relate to the skills and knowledge acquired. College credit may be earned for this course as well as Microsoft certifications.

Personal Finance 1 semester 1 credit Grades 10-12

Understanding financial management concepts is an important life skill. From credit to insurance to taxes. It is imperative that students understand the consequences of their choices. Wisely managing their money, students become more responsible citizens. An understanding of financial concepts with practical applications will enable students to leave this course with applicable and useful skills for life.

****CTE credits are available through NIC based on successful completion of required coursework****

SCIENCE

Students who successfully complete Algebra 1 their 8th grade year and have a 3.0 GPA at the junior high may opt to take the following sequence instead of starting the 9th grade sequence with physical science followed by biology 10th grade year:

Advanced Track

9th grade – Biology
10th grade – CHEM 1200
11th grade – AP Physics/ Physics 1110
12th grade – Option of several electives

Regular Track

9th grade – Physical Science
10th grade – Biology
11th grade – Chemistry or CHEM 1200
or Wildlife and Forestry
12th grade – Option of several electives

Physical Science 2 semesters 2 credits Grade 9

The student will understand the process of physical science, measurement, the tools used, and the role of science in society. The student will develop an appreciation of: matter; the structure, composition, properties of matter; and energy. Semester one focuses on chemistry concepts and semester two focuses on physics concepts

Biology 2 semesters 2 credits Grade 10

The study of living organisms from the cell and genetics, to individual species and populations. The following topics will be covered: cell structure and function; mitosis and cell division; cell differentiation; systems of specialized cells; homeostasis and feedback mechanisms; energy and matter flow through ecosystems; ecosystem dynamics; photosynthesis and cellular respiration; history of earth's atmosphere and biogeochemical cycles; DNA structure and function; meiotic cell division; genetics; DNA replication; protein synthesis; evidence of evolution; natural selection and adaptations; social interactions and group behavior; ecosystem stability and its response to climate change; the influence of natural resource availability, natural hazards, and changes in climate on human populations; human impacts on ecosystems; natural resources and global climate change; conservation of natural resources-solutions and sustainability.

Ag Biology 2 semesters 2 credits Grade 10
 Biology is the natural science that involves the study of life and living organisms, including their physical and chemical structure, function, development and evolution. The topics covered in general biology will be covered, with emphasis on agricultural themes in this course. This course also provides an opportunity and expectation for student's participation in the National FFA organization including FFA participation and a Supervised Agriculture Experience Project.

Chemistry/CHEM 1200 2 semester 2 credits/4 NNU credits Grade 11-12
 Recommended Prerequisite: Completion of Algebra 2 or concurrent enrollment in Algebra 2. In this course, students study the major areas of general chemistry including atoms, nomenclature, molecular structure, bonding and stoichiometry, acid/base properties, reaction rates, gas laws, and nuclear properties. Transfers to Idaho Public Universities as CHEM 101.

Wildlife/Forestry 2 semesters 2 credits Grades 11-12
 Prerequisite: Biology. This class will explore North Idaho natural resources such as wildlife, forestry and water quality and the relationships between them. One semester will focus on forestry, including tree identification, log scaling, timber cruising, and forest management plans. The other semester will focus on wildlife, including wildlife identification, ecology, and wildlife management.

Physics 2 semesters 2 credits Grade 11,12
 Prerequisite: Chemistry or teacher approval. Recommended Prerequisite: Completion of Algebra 2 or concurrent enrollment in Algebra 2. Physics is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

PHYSICAL EDUCATION – HEALTH

Physical Education 2 semesters 2 credits Grade 9
 This course involves learning skills for individual and team sports and fitness activities. Course work will emphasize sports and leisure activities and fitness and strength activities. This class may be repeated for credit.

Advanced Physical Education 2 semesters 2 credits Grades 10-12
 The course will involve learning more advanced skills for team and individual sports. Learning of rules and applying the rules to officiating techniques will be required. More emphasis will be placed upon lifetime leisure activities, specifically individual sports. This class may be repeated for credit.

Athletic Conditioning I, II / Weight Lifting (gr. 10-12 only) 2 semesters 2 credits Grades 9-12
 Lifting techniques, safety, and routines will be taught. In depth study will be made into the effects of training aids, and muscular development. This class will also focus on speed training, attaining motor skills, cognitive development, cardiovascular efficiency, psychology of sport, and the nutritional demands of an athlete. This class may be repeated for credit.

Health 1 semester 1 credit Grade 10
 The class deals with the life long process of developing and maintaining a positive healthy person. Course content includes: appearance, emotions, drug abuse, sports and recreation, nutrition, body systems, and other subjects which pertain to the emotional and physical development of the individual.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

INDUSTRIAL TECHNOLOGY

Industrial Mechanics I 2 semesters 2 credits Grades 9-12
 This course emphasizes shop safety and the materials and processes as they relate to Industrial Mechanics. Basic skill units in drafting, welding and metal work, lathe and mill processes, and small engines will be completed. Also, modular training in the areas of electronics, hydraulics, pneumatics, and CNC lathe/mill operation will be included.

Industrial Mechanics II 2 semesters 2 credits Grades 10-12
 Prerequisite: Industrial Mechanics 1. Industrial Mechanics II is designed to prepare students with skills in shop practices, welding, basic machine shop, metal working, troubleshooting, rigging, equipment installation, maintenance and repair for a variety of systems found in industrial operations.

MODERN LANGUAGE

Spanish 1 2 semesters 2 credits Grades 9-12
Prerequisite: "C" or better in English classes. Content: vocabulary and grammar for application in all four of the language skill areas: writing, reading, speaking and understanding. The course will be supplemented with the study of Spanish speaking cultures.

Spanish 2 2 semesters 2 credits Grades 10-12
Prerequisite: C or better in second semester of Spanish 1. Completion of the basics of the language by using the four balanced skills; presentation and practice of high frequency vocabulary, communication (dialogue) both within and outside of the textbook, and guided monitoring practice. Some compositions will be involved.

French 1 2 semesters 2 credits Grades 9-12
Prerequisite: "C" or better in English classes. This class will introduce students to the French language and culture.

French 2 2 semesters 2 credits Grades 10-12
Prerequisite: "C" or better in second semester French 1. Continued study in French culture and language.

FINE ARTS HUMANITIES

Art 1 2 semesters 2 credits Grades 9-12
1st Semester: Introduction to Art Theory - focus on elements of design, art history and analysis, vocabulary, drawing, parenting with watercolor, collage, techniques to draw more realistically, skills for building creativity and innovation. Daily fun sketch-prompts.
2nd Semester: The focus is on principles of design, review of elements, build upon prior drawing skills and knowledge of materials, drawing still-life, more advanced painting with acrylics on canvas, perspective, word art, art history and analysis, critique, reflection, assemblage Steampunk sculpture, architecture and floor plan design, art competition, and digital portfolio. More of those zany sketch-prompts.

Advanced Arts & Crafts 2,3,4 2 semesters 2 credits Grades 10-12
Prerequisite: Art 1
1st semester: Continued experimentation with art theory and design, art history and analysis, advanced techniques in drawing, painting with watercolor and acrylics, collage, wood burning, fiberarts to include embroidery, macrame', knot techniques, assemblage sculptures, portfolio development, handmade sketchbooks, posters and graphic design, creation of ornaments and small works for exhibit and Winter sale.
2nd semester: Further projects with sustained inquiries (research projects as basis of art works), sculpture, illustration, calligraphy, architecture, community planning ideas, portfolio building, and crafting artist statements/resume. Continued multi-media with wood, fiber, sculpture and entry into MINI Art Exhibit and annual Spring Lakeland Art Competition.

Painting and Drawing/Pre-AP/AP Painting, AP Drawing 2 semesters 2 credits Grades 10-12
(Painting and Drawing, Pre-AP can be semester, but AP has to be year-long - possibility for independent study/online second semester)

Prerequisite: Art 1 or approval by instructor. Looking for college credit art classes? These classes are focused on advanced techniques in watercolor, acrylic, and oil painting, drawing, and digital works. You will create a college-level online digital portfolio and professional artist statement. In the year-long AP class, there is a high rate of success earning college credit from submission of digital portfolios and 5 artworks to the College Board. Focus on building on a body of 2-dimensional fine artworks in the media of your choice and exploring your individual style - whether it be realism, fantasy, abstract, or anime, and more. Exhibition of work in two shows, including the annual Lakeland Art Competition, in which students from this class have traditionally won lots of awards.

Pottery 1 2 semesters 2 credits Grades 9-12
Hand-building a pot or using a pottery wheel is a messy and satisfying experience. The elegant pots you see in fine stores are the result of years of experience, but nearly anyone can learn the skills needed to make pieces that can be used and enjoyed. Pottery is a great way to be creative and express yourself. This is a hands-on beginning pottery course utilizing basic techniques exploring form, texture, glazing, sculpture, masks, vessels, and basic vocabulary. Students meet artists from the community through a Guest Artist Series.

Pottery 2, 3 2 semesters 2 credits Grades 10-12
Prerequisite: Pottery 1. In Pottery 2, students will enjoy the opportunity to discover individual pottery design in focus groups and as independent study. Pottery 3 will focus on sculpture with clay and wheel throwing with emphasis on technique, form/function, pattern, texture applications, advanced glazing techniques, ancient pottery technique and modern studies. Each year of enrollment involves increased expectations and research studies.

Jewelry and Fiber Arts	2 semesters	2 credits	Grades 9-12
Students will gain experience and knowledge of jewelry making history and techniques through inspiration designs and creative projects. Along with necklaces, bracelets, earrings, rings, and other accessories, students will study the art elements and principles of design while making wall hangings and other items used for beautiful adornment and aesthetic decoration like crocheting, weaving, and macrame. Students will work with beads, wires, wood burners, solder, leather, yarn, and different types of threads to learn and understand the cultural and stylistic evolution of these arts and crafts through use of a variety of tools, skills, and material.			
Concert Choir	2 semesters	2 credits	Grades 9-12
Concert Choir is a performance-based, non-auditioned class where students sing a variety of popular, concert and contest music. Daily warm-ups and singing exercises help improve singing technique. Music theory, terminology and history are also explored as a part of this class. Each additional year of involvement brings increased expectations and expertise. This course may be repeated for credit.			
A Cappella Choir	2 semesters	2 credits	Grades 9-12
Acceptance into this class is by audition only. Students will sing a variety of music styles in a small ensemble singing setting – all A Cappella. Daily warm-ups and singing exercises are designed to improve singing technique. Music theory, terminology and history are explored as part of this class. Extra performances throughout the year are also part of the A Cappella experience. This class may be repeated for credit.			
Concert Band	2 semesters	2 credits	Grades 9-12
Concert Band is a non-auditioned band class designed for preparing students for advanced music. Students will spend time learning Pep Band music, concert music and prepare for the Large Group Festival in the spring. This class will focus on fundamentals, improved technique and increased range. Concert Band students are welcome to participate in Pep Band and are eligible to Letter. Students will perform in all major concerts and for graduation at the end of the year. Each year of involvement brings increased expectations and expertise. This course may be repeated for credit.			
Wind Symphony	2 semesters	2 credits	Grades 9-12
Acceptance into this class is by audition and/or director recommendation only. Students in Wind Symphony will prepare more advanced concert music, Pep Band music and perform for Valentine’s Day and other concerts including Large Group Festival and graduation. Students will focus on improved technique and advanced musical skills. Each year of involvement brings increased expectations and expertise. This course may be repeated for credit.			
Beginning Guitar	2 semesters	2 credits	Grades 9-12
Requirements: A working acoustic guitar and case. This is an introductory course designed to teach the different styles and techniques of guitar playing. Topics to be covered in this course: guitar parts, tuning, hand positions, playing melody on all 6 strings, chord progressions in various keys, strumming patterns, bar chords, finger picking, power chords and music notations. This course is for those who have limited or no guitar experience.			
Improvisation Theatre (Improv)	1 semester	1 credit	Grades 9-12
This course is designed as an in depth study of the art of improvisation meant to improve your public speaking skills, help you think quickly on your feet, get you outside your comfort zone and explore your creativity and spontaneity. Students will learn to incorporate audience input as a beginning point and each scene is a type of theatre game. Students will be required to participate in both in-class and out-of-class performances in order to fulfill the purpose of the class. This course may be repeated for credit.			
Stagecraft 1	1 semester	1 credit	Grades 9 – 12
This course places emphasis on the art of theater stagecraft, including but not limited to, set, costume, make-up, sound and light design. In addition, students learn the skills necessary to work on a crew for a theater production. Students will be required to participate in both in-class and out-of-class projects in order to fulfill the purpose of the class.			
Stagecraft 2	1-2 semesters	1-2 credits	Grades 10-12
Prerequisite: Stagecraft 1. Emphasis is placed on design presentation in the IHSAA District One Drama Competition and behind the scenes work for the winter and spring productions. Students will be required to participate in both in-class and out-of-class projects in order to fulfill the purpose of the class.			
Acting I	2 semesters	2 credits	Grades 9-12
This course places emphasis on theater history, stage terminology and basic acting skills, including but not limited to, character development, stage movement, and script and production analysis through dramatic exercises. Students will be required to participate in both in-class and out-of-class productions in order to fulfill the purpose of the class.			
Acting II	2 semesters	2 credits	Grades 10-12
Prerequisite: Acting 1 and/or teacher approval. This course further advances acting and analysis skills through character development, stage movement, and production analysis through dramatic exercises. In addition, students learn production techniques. Students will be required to participate in both in-class and out-of-class activities, including IHSAA competition, in order to fulfill the purpose of the class. This class may be repeated for credit.			

Movies as Literature 1 semester 1 credit Grades 9-12
 In this class you will analyze literary devices and concepts through the medium of film. We look at characterization, themes, allegory, paradox, etc. We will also look at film-making techniques: cinematography, performance lighting, color, etc. May be repeated for credit.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

ADDITIONAL OFFERINGS

Video Production – Hello Hawks 2 semesters 2 credits Grades 10 – 12
 Prerequisite: C or better in English and complete the Hello Hawks Application form. The main objective of this course will be to produce Hello Hawks for LHS. Students will learn video camera operation and techniques, along with editing and live streaming. The fundamentals of broadcast journalism and journalism ethics will be emphasized. Students will be involved in show planning, development, interviewing and news anchoring techniques.

Psychology 1 semester 1 credit Grades 9-12
 This course will cover a broad range of topics, including the following: learning and understanding human behavior, patterns of behavior, emotional and behavioral adjustments, small groups, and psychology and society.

Law and Order 1 semester 1 credit Grades 9-12
 This course will introduce students to the basics of law enforcement and judicial procedure. Courtroom procedure, etiquette, and mock trials will also be implemented. Students will gain a better understanding of the law, court procedures and the American judicial system with an emphasis on how the law pertains to the individual and their rights.

Computer Science 1 2 semesters 2 credits Grades 9-12
 Prerequisite: Completion of Algebra 1 or a grade of B or higher in a Computer course in 8th grade. First semester covers units on Problem Solving and Computing (how computers help humans), Web Development (creating your own pages) and Interactive Animations and Games (coding with programming). Second semester covers the Design Process (considering social impacts of computing), Data and Society (how computers solve real world problems) and AI and Machine Learning (how computers learn from data).

Computer Science 2 2 semesters 2 credits Grades 10-12
 Prerequisite: Computer Science 1. First semester covers units on Digital Information (how computers store info), The Internet (how it works and how data passes through), App Design (coding with programming). Second semester covers Algorithms (problem-solving calculations), Parameters (designing clean; reusable code), Physical Computing (how hardware affects computing) and Web Design (how to structure websites).

Computer Science 3 2 semesters 2 credits Grades 11-12
 Prerequisite: Computer Science 2. The 3rd year is more project-based with the first semester covering a deep dive into Web Programming (there are 3 Technical Competency Credits available through CSI, LCSC and NIC). Second semester encompasses Cybersecurity and Global Impacts (privacy and security risks).

Teacher Aide 1 semester 0.5 credit Grades 11-12
 Prerequisite: Counselor approval. Students will complete duties as assigned by the teacher they are assisting. Students are graded on a pass/fail basis and may be repeated for credit. There is a two semester limit for aide positions.

Office Aide 1 semester 1 credit Grades 10-12
 Prerequisite: Counselor approval. Students will also be instructed on professional phone etiquette, office duties, and professional interaction with parents/patrons. Students are graded on a pass/fail basis and may be repeated for credit. There is a two semester limit for aide positions.

Library Aide 1 semester 1 credit Grades 10-12
 Prerequisite: A love of reading, interpersonal skills, and librarian approval. Students will provide assistance to library staff while learning library management and research skills. Typical duties are: Handle computerized circulation desk duties, shelve books and magazines, and input information into software programs. Students are graded on a pass/fail basis. There is a two semester limit for aide positions.

Yearbook 2 semesters 2 credits Grades 10-12
 Designed for students to create the production of the school yearbook. Students will learn about all aspects of writing for a publication as they generate, layout, and produce the school yearbook. Writing and composition are important elements of this class, as is meeting deadlines and flexibility. Students need a B or better in English to enroll in this class. This class may be repeated for credit.

Journalism 2 semesters 2 credits Grades 10-12
 Prerequisite: 3.2 cumulative GPA or teacher recommendation. Learn about the role of journalism in our society. This class is intended for motivated students who will be creating news publications for Lakeland High School as well as an opportunity to practice broadcasting. Areas of emphasis include hands-on experiences in news writing, sports coverage, feature writing, opinion writing, photography/photojournalism, using social media to provide information, and more. Students will also learn about past and present issues in journalism. This class may be repeated for credit.

Leadership 2 semesters 2 credit Grades 9-12
 Prerequisite: Elected ASB or Class Officer. The first semester is designed to cover all levels of leadership in the areas of community service, politics, and business. Activities include guest speakers, community service projects, visiting businesses, organizing school activities, discussions of up-to-date political topics, and projects where students make a business or charity proposal to a group of area leaders. This class may be repeated for credit. The second semester is required for ASB and class presidents and will allow our students to attend the state ASB conference, plan spring student activities, and interact with our community partners.

Modern Fiction 1 semester 1 credit Grades 9-12
 Students will read and discuss modern fiction novels, and they will look at the novels through cultural and historical contexts. Course assignments will include presentations, discussions, and projects. The class will focus on novels from the following genres: science-fiction, horror and fantasy or novels which highlight societal or relationship issues.

Agriculture Leadership 2 semesters 2 credits Grades 9-12
 This course is designed to discuss personal growth and leadership skill development through Agriculture Careers, Agriculture Current Events, Leadership Styles, Effective Communication, Execution of Supervised Agricultural Experience Projects and Record Books. This course will be planning FFA events and activities and community service opportunities for the school year. This is an agricultural course offering where students will apply the knowledge they gain through the planning of a variety of school and community projects through FFA (Future Farmers of America).

Animal Science 2 semesters 2 credits Grades 9-12
 This course provides lecture information, activities, and skills in the areas of scientific method, classification systems, mammalian production, production management, health care, anatomy, physiology, reproduction nutrition, cell division, respiration, and genetics. Emphasis is placed on mammals, which are most important to human culture, as we know it. A deep and detailed exploration will occur of the beef, horse, and pig units. Nutrition, reproduction and health of livestock are explored at great depths. This exploration includes many laboratories, projects, design developments and real live implications. This is an agricultural course offering where students will apply the knowledge they gain through the planning of a variety of school and community projects through FFA (Future Farmers of America).

Floral Design 2 semesters 2 credits Grades 9-12
 This course provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including tempura, pencil, flowers, tile, and a variety of papers. Students will develop creative expressions through multipart floral designs. This is an agricultural course offering where students will apply the knowledge they gain through the planning of a variety of school and community projects through FFA (Future Farmers of America).

Employment Focus 2 semesters 2 credits Grade 12
 Students who are seniors can earn one elective credit a semester by exploring the world of work through their own employment situations. Students must receive administrative approval to take this course and provide written proof at the beginning of each semester (i.e., a copy of a pay stub or statement from employer) verifying 10+ hours per week of employment. Students are graded on a pass/fail basis.

Advanced Opportunities options are available junior and senior year (pgs. 15-17)

IDAHO DIGITAL LEARNING ALLIANCE

The Idaho Digital Learning Alliance (IDLA) is state sponsored and offers on-line courses to provide Idaho students with greater access to a diverse assortment of courses. IDLA offers unique elective opportunities such as Sociology, Creative Writing, Digital Photography, Mandarin Chinese, Web Design, HTML, E-Business, Astronomy, Zoology, Idaho Science and Aerospace Scholars, numerous AP courses, credit recovery options, and more.

There is a fee of \$75 for each IDLA course which may be covered through state Advanced Opportunity Funds if the online course is an overload class. Payment must be submitted at the time of course registration. Class registration fees are waived for AP and Dual Credit courses, although AP exam and college credit fees do apply. To learn more about IDLA please visit the IDLA website at www.idahodigitallearning.org. Interested students must meet with their counselor to register for IDLA courses.

LAKELAND ADVANCED OPPORTUNITIES

The Advanced Opportunities program allows for students to individualize their high school learning plan and get a jump start on their future. Students attending an Idaho public school are allotted state funding to use towards Advanced Opportunities programs in grades 7 – 12. Advanced Opportunities programs include college dual credit, overload high school online classes, and exams such as Advanced Placement (AP), Career & Technical Education (CTE) certification exams, and College Level Examination Program (CLEP).

Advanced Opportunities is a program to provide the framework for two valuable pathways that a student may choose to explore while in high school – the Career/Technical Pathway and the College/University Pathway. The Work Force Training Center offers the following apprenticeships and programs to juniors and seniors: Plumbing, Electrical, HVAC and Certified Nurses Assistant (CNA) program.

Pathway One: Career/Technical Pathway

Recommended prerequisite of C or better in Physical Science, Algebra 1, Geometry and English I and II. Students completing a KTEC industry program with a completion grade of 80% or higher and proficient on their industry certification exam will be recognized at graduation with a black and silver intertwined honor cord.

The Kootenai Technical Education campus (KTEC) is designed to provide students with industry opportunities through technical and academic instruction. While attending KTEC, students take 3-4 classes at LHS and a 2 ½ hour class in their selected area of study at KTEC. **Students will earn 5 elective credits and have the option to earn 2 core credits (juniors may complete KTEC Science and seniors may complete KTEC Math) each year in their program.** KTEC is open to juniors and seniors in good standing concerning academics, attendance, and graduation status. Transportation will be provided to and from the KTEC site. Applications for the upcoming school year should be submitted by the priority deadline. Students apply for KTEC online at www.ktctraining.org

The Resort Academy- Year One & Year Two

2 semesters

5 credits

Grades 11-12

The Resort Academy is a two year Hospitality and Tourism Management Program partnering with the Coeur d'Alene Resort. In year one, students will work with the management teams from various hotel departments (housekeeping/laundry, front desk, reservations, food service, convention center and the spa.) Second year rotations include sales, catering, engineering, accounting, and transportation. Using their acquired skills in leadership, communication, and organization students will plan a fundraising project for a local charity. Nine NIC college credits can be earned.

Health Professions- Year One

2 semesters

5 credits

Grades 11-12

Students will be provided with a broad understanding of the healthcare system and introduction to the roles of various members of the health care team. Students will become members of the student led organization, Health Occupations of America (HOSA). Curriculum includes anatomy & physiology, medical terminology, current trends, ethics and professionalism (to include some job shadowing experience). Students will become CPR certified.

Health Professions- Year Two

2 semesters

5 credits

Grade 12

Students will focus on more in-depth exposure to the health care professions. Students will complete the course requirements for their CNA and be eligible to take the Nursing Assistant Competency Evaluation (NACEP) exam during 1st semester. During the 2nd semester, students will have the opportunity to do an internship or work on the pass-assured pharmacy tech programs and obtain a certification in the Assistant with Medication course, recertification in CPR and First Aid. Two NIC college credits can be earned.

Computer Repair and Networking- Year One & Year Two

2 semesters

5 credits

Grades 11-12

This two year program is designed for students who intend to enter the computer technology field as a trained technician. Topics covered include basic skills needed to repair and maintain computer systems, hardware and software installation and networking of computers and systems. Students will be working toward industry certifications.

Industrial Welding and Metal Fabrication- Year One & Year Two

2 semesters

5 credits

Grades 11-12

This two year program is designed to prepare students for entry level employment as structural, pipe, or production welders. Students will be working toward industry certification by developing welding skills, blueprint reading, layout procedures, metallurgy and safety.

Automotive Technology- Year One & Year Two

2 semesters

5 credits

Grades 11-12

This two year program is designed for students who intend to enter the automotive repair field as a trained technician. Students will receive hands-on and classroom instruction to become skilled technicians. Students will be working toward industry certifications.

Automotive Collision and Repair – Year One & Year Two

2 semesters

5 credits

Grades 11 - 12

Students will be introduced to the collision repair industry, focusing on the basic skills required to become an entry-level technician. Students will learn in an Inter-Industry Conference on Auto Collision Repair (I-CAR) and Automotive Service Excellence (ASE) Approved Facility. Students will learn how to prep for paint, removal and replacement of bolt-on parts, dent repair, final detailing, MIG welding, plastic repairs, setup and measurement for frame and unibody alignment, mechanical part operation and replacement, and estimating. Five NIC college credits can be earned.

Construction Trades- Year One & Year Two

2 semesters

5 credits

Grades 11-12

This two year program is based upon industry standards associated with the Residential Carpentry field. Students will be covering curriculum from planning and design through construction and marketing of a residential home (including safety, tool usage, foundations, framing, roofing, etc). This program requires extensive standing, climbing, bending and kneeling. Six NIC college credits can be earned.

Diesel Technology- Year One & Year Two

2 semesters

5 credits

Grades 11-12

This two year program is designed for students who intend to enter the Diesel Engine and Heavy Equipment repair field as a trained technician. Students will receive hands-on and classroom instruction to become skilled technicians. Students will be working toward industry certifications.

Industrial Mechanics/Millwright - Year One & Year Two

2 semesters

4 credits

Grades 11-12

This two year program is designed to prepare students for employment as industrial plant maintenance or millwrights. Students learn the basics of maintenance, fabrication, installation, and alignment of equipment used in modern industrial and manufacturing plants. (Program will be conducted at LHS with portions of the class taught at the NIC Parker Building)

Automation Manufacturing/Engineering- Year One & Year Two

2 semesters

5 credits

Grades 11-12

This two year program is designed for students who desire to begin their careers in either Engineering or Engineering Technology. Subjects covered include computer aided drafting and design, electronics and electro-mechanical, hydraulics and pneumatics, motor controls and automation, robotics and programmable logic controls, gears and linkages, safety management, and machining.

HVAC - Year One & Year Two

2 semesters

5 credits

Grades 11-12

Two year program where students will study basic HVAC systems, electricity, heating systems, local fuel codes, applied thermodynamics, refrigeration cycle, psychometrics, duct system design, and system diagnosis. These skills are taught in classroom theory and learned in hands-on lab exercises and cooperative work experiences. A general education component consisting of communication, occupational relations, and math is integrated into the program.

KTEC Environmental Science - Course examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, the following subjects may be covered: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

KTEC Technical Math –This course is designed to extend students' proficiency in mathematics, and often apply these skills to technical and/or industrial situations and problems. Technical Math topics may include but are not limited to rational numbers, systems of measurements, tolerances, numerical languages, geometry, algebra, statistics, and using tables, graphs, charts, and other data displays. Technology is integrated as appropriate. It is designed to round out and fill in gaps to prepare students to enter the workforce or continue their technical training.

Pathway Two: College/University Pathway – Dual Credit/AP

Dual credit allows eligible high school juniors and seniors to enroll in college courses for both high school and college credit. The Advanced Opportunities funds will pay for dual credit college tuition for students that submit a signed Advanced Opportunities Participation Form to the counseling department with both a parent and student signatures. As state funds cannot be used to cover textbooks or lab fees. Students are responsible to purchase or rent any required textbooks for selected courses. A textbook rental program is in place for most Dual Credit courses offered on the LHS campus. Dual Credit students are expected to abide by all NIC and NNU expectations and guidelines. Dual Credit students follow the NIC school calendar for courses taken on NIC's campus.

To be eligible for dual credit a student must meet the following requirements:

- (1) Have a minimum unweighted cumulative G.P.A. of 3.0, be at least 16 years of age and have completed ½ of your high school graduation requirements.
- (2) Apply for admission to NIC.
- (3) Take the college placement exam.
- (4) Submit the Dual Credit Authorization Form with parent/student signatures to the LHS counseling center.
- (5) Meet with your counselor to select and register for approved courses.

- *Recommended prerequisites: Honors English and Math for students planning to enroll in any Social Science, Humanities, English, Math or Communications course.*

The Advanced Placement Program® has enabled millions of students to take college-level courses and earn college credit, advanced placement, or both, while still in high school. AP Exams are given each year in May. Students who earn a qualifying score on an AP Exam are typically eligible to receive college credit and/or placement into advanced courses in college. Every aspect of AP course and exam development is the result of collaboration between AP teachers and college faculty. They work together to develop AP courses and exams, set scoring standards, and score the exams.

Students have the option of taking classes on the college campus, online or taking one of the college courses offered on the LHS campus. All college courses are listed on the high school transcript and per dual credit guidelines are transcribed at ½ the credit value awarded by the college (for example, each three credit college courses will be transcribed as 1.5 high school credits). Students who earn 12-25 college credits will be honored with a silver honor cord. A student with 26 or more college credits while in high school will be honored at graduation with a crimson/silver intertwined honor cord.

College and AP courses that will be offered on the LHS campus during the 2022-2023 school year are as follows:

Dual Credit and/or AP

COMM 101 – Intro to Speech Communication

1 semester 3 NIC credits Grades 11-12

This course introduces students to what communication is and how it affects human interaction. Emphasis is on public speaking with attention to audience analysis and organizational and delivery skills. This course is a requirement for both the A.A. and A.S. degrees and is accepted as an equivalent of high school speech course.

AP ENGL - Language/Comp, ENGL 1020

2 semester 3 NNU credits Grades 11

Prerequisite: Students taking this course should be at junior or senior status with a minimum 3.0 cumulative gpa. This course prepares students for the reading and writing demands of college-level courses. Students analyze both argument and rhetoric in written, visual, and multimedia texts in respect to: lines of reasoning, evidence, reasoning, organization, style, and purpose. In addition, it allows students to explore their own written style and enables them to make intentional persuasive choices. AP Language and Composition is a rigorous course that explores non-fiction texts across critical topics such as gender, the environment, justice, and education. Students are encouraged to take this course if they seek more than just potential college credit, but a challenging and enlightening class that deepens their understanding of the thought and purpose behind texts. Students will take the AP language and Composition exam near the end of the year. Students who take the AP exam may earn additional college credit based on the results of that exam and the AP policy. In addition, students will have the opportunity to earn ENGL 1020 credit which transfers as ENGL 101 at most Idaho Colleges and Universities.

English 101

Fall: English 101- Writing Rhetoric I

1 semester 1.5 cr./3 NIC cr. Grade 11-12

Prerequisite: Students taking this course should be at junior or senior status with a minimum 3.0 cumulative gpa. Juniors will go on to take Honors English III in the spring semester and seniors will go on to take English 175 in the spring semester.

English 101 prepares students for the demands of writing for a range of audiences, purposes, and contexts. Students will learn processes and strategies for writing and revising clear, precise, and accurate prose and will demonstrate their abilities in a series of academic essays, mainly expository. Students will also learn to read, analyze, synthesize, and respond to a wide range of written works.

ENGL 175 – Introduction to Literature

1 semester (spring) 3 NIC credits Grade 12

This is a survey of literature's many forms including essays, short stories, poetry, and drama. This course focuses on literature as a primary vehicle for ideas and values and helps students to recognize and appreciate the humanistic and artistic elements of literature. It satisfies an arts and humanities course requirement for the A.S., A.A., and most transfer degrees. A C- or above in ENGL 101 is required to take this course. This course is equivalent to one semester of senior English.

- PSYC 101 – Introduction to Psychology** 1 semester 3 NIC credits Grades 11-12
This course provides students with a general overview of the science which seeks to understand and explain behavior and mental processing. Students will be introduced to the major contemporary theories and concepts in psychology. This course fulfills a social science elective for both the A.A. and A.S. degrees.
- MATH 1300 - College Algebra** 1 semester (fall) 3 NNU credits Grades 11-12
This course covers functions, their properties and notation, in both algebraic and graphical context. MATH 1300 satisfies the math requirement for the A.A. and A.S degrees and is the equivalent of one semester of high school trigonometry/pre-calculus. Transfers to Idaho Public Universities as MATH 143.
- MATH 1400 - Analytic Trigonometry** 1 semester (spring) 3 NNU credits Grades 11-12
This course includes angles, trigonometric functions, graphs and the application thereof, right-triangle trigonometry, trigonometric and inverse trigonometric functions, and the law of sines and cosines. It is the equivalent of one semester of high school trigonometry/pre-calculus. Transfers to Idaho Public Universities as MATH 144.
- MATH 2510 – Analytic Geometry and Calculus 1** 2 semesters 4 NNU Credits Grade 12
Functions, limits, continuity, differentiation, integration, applications and differentiation and integration of transcendental functions. Transfers to Idaho Public Universities as MATH 170.
- HIST 111 - US History to 1876** 1 semester (fall) 3 NIC credits Grade 11
This course is a broad chronological overview of US history from the Pre-Columbian period through post-Civil War Reconstruction. This course fulfills a social science requirement for A.A., A.S., and most transfer degrees and will be recognized as the equivalent of one semester of high school US history.
- HIST 112 - US History after 1876** 1 semester (spring) 3 NIC credits Grade 11
This course offers a broad chronological overview of US history from the Gilded Age to the present. This course fulfills a social science requirement for A.A., A.S., and most transfer degrees and will be recognized as the equivalent of one semester of high school US history.
- POLS 101- American National Government** 1 semester (fall) 3 NIC credits Grade 12
This course is the study of the foundation of the United States government and the evolution of constitutional principles. This course fulfills a social science requirement for A.A., A.S., and most transfer degrees and will be recognized as the equivalent of one semester of high school government.
- POLS 105 - Introduction to Political Science** 1 semester (spring) 3 NIC credits Grade 12
Prerequisite: Pol Sci 101 with a C or better. This course introduces students to international relations, comparative politics, political philosophy, and research methods. This course will be recognized as one semester of high school government. **This class will typically transfer as an elective credit for most institutions. Students are responsible for checking with specific institutions regarding transferability of this course.**
- CHEM 1200/1200L- Intro to Chemistry and Lab** 2 semester 4 NNU credits Grade 11
In this course, students study the major areas of general chemistry including atoms, nomenclature, molecular structure, bonding and stoichiometry, acid/base properties, reaction rates, gas laws, and nuclear properties. Transfers to Idaho Public Universities as CHEM 101.
- PE 110R – Strength Training** 2nd Quarter (fall) 1 NIC credit Grades 11-12
This class teaches the lifetime fitness activity of weight training. The course will familiarize students with weight training equipment, teach proper training principles and mechanics, and help the student develop a personalized training program. This course may be repeated for credit. This class meets two days per week after school.
- AP Probability and Statistics /MATH 2240** 2 semesters 3 NNU Credits Grade 12
Prerequisite: Successful completion (C or higher) of Algebra 2. AP Probability and Statistics is a yearlong introductory course in descriptive and inferential statistics emphasizing procedures commonly used in measurement, evaluation, and research in the social and behavioral sciences, as well as in business and education. Major topics of study include the basic concepts of sampling distributions, probability, hypothesis testing, Chi-square and F-Distribution, correlation, and regression. Students who take the AP exam may earn college credit based on the results of that exam and the AP policy at specific post-secondary institutions. MATH 2240 transfers as an equivalent Elementary/Introductory Statistics course at most Idaho Colleges and Universities. Transfers to Idaho Public Universities as MATH 251 or MATH 253.

AP World History

2 semesters

2 HS credits

Grade 10-11

Students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. Five themes will be explored: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Students who take the AP exam may earn HIST 101 and 102 college credit based on the results of that exam and the AP policy at specific post-secondary institutions.

AP Painting, AP Drawing

2 semesters

2 credits

Grades 10-12

Prerequisite: Art 1 or approval by instructor. Looking for college credit art classes? These classes are focused on advanced techniques in watercolor, acrylic, and oil painting, drawing, and digital works. You will create a college-level online digital portfolio and professional artist statement. In the year-long AP class, there is a high rate of success earning college credit from submission of digital portfolios and 5 artworks to the College Board. Focus on building on a body of 2-dimensional fine artworks in the media of your choice and exploring your individual style - whether it be realism, fantasy, abstract, or anime, and more. Exhibition of work in two shows, including the annual Lakeland Art Competition, in which students from this class have traditionally won lots of awards. Students who are proficient on the AP Portfolio may earn ART 111 college credit based on the AP policy at specific post-secondary institutions.

Lakeland HS (Dual Credit/AP Course Offerings)					
FALL 2022	Credits	Course	College	Potential of additional Credits	AP Score and Credit (UI)
Introduction to Speech Communication	3	COMM 101	NIC		
American National Government	3	POLS 101	NIC		
Introduction to Political Science	3	POLS 105	NIC		
College Algebra	3	MATH 1300	NNU		
Analytic Trigonometry	3	MATH 1400	NNU		
Introduction to Literature	3	ENGL 175	NIC		
Introduction to Psychology	3	PSYC 101	NIC		
Strength Training	1	PE 110R	NIC		
Survey of Art	3	ART 100	NIC		
US History to 1876	3	HIST 111	NIC		
US History after 1876	3	HIST 112	NIC		
AP ENGL Lang/comp or ENGL COMP	3	ENGL 1020	NNU	3	5 (ENG 102)
Writing Rhetoric I	3	ENGL 101	NIC		
AP Probability and Statistics	3	MATH 2240	NNU	3	3 (STAT 251)
Chemistry	4	CHEM 1200	NNU		
Analytic Geometry and Calculus 1	4	MATH 2510	NNU		
AP World History				6	3 (HIST 101, 102)
AP Painting, AP Drawing				2	3 (ART 111)
Total Credits	48			14	
Blended Classes - Both AP and DC taught together					