

## 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.

### SCHEDULING INFORMATION

A grade will be recorded for any class that a student fails or withdraws from after the 2<sup>nd</sup> week of the class.

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 8<sup>th</sup> grade Algebra 1 will have that course transcribed as elective credit unless the parent submits a written request by the stated school deadline. If a student takes Algebra 1 in 8<sup>th</sup> grade and chooses to repeat Algebra 1 in high school, the course taken in 8<sup>th</sup> 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. **Athletes and students involved in other IHSAA extracurricular activities are reminded that in order to be eligible, passing grades must be received in five full credit subjects. Students attempting to regain eligibility for sports must have completed the required 5 credits by the first day of practice for that season.**

Lakeland High School will utilize a weighted grade point system for honors, college preparatory and non-activity college dual enrollment classes. The following weights are applied to these classes:

A=4.5 Grade Points    B=3.5 Grade Points    C=2.5 Grade Points    D=1.5 Grade Points

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\*; 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.

\* 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.

**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.

## GRADUATION REQUIREMENTS

<b>LAKELAND SCHOOL DISTRICT DIPLOMA REQUIREMENTS</b>		
<b>COURSE</b>	<b>CREDIT</b>	<b>GRADE</b>
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
U S HISTORY	2	11
U S GOVERNMENT	2	12
ECONOMICS	1	12
CWP	1	12
PHYS EDUCATION	1	9
HUMANITIES <sup>1</sup>	2	9-12
COMPUTER LITERACY <sup>2</sup>	1	9-10
ELECTIVES	12	9-12
<b>TOTAL</b>	<b>46</b>	

**Required testing will include: a) Successfully complete the ELA, science and math ISAT tests, b) Take a college entrance exam (typically the SAT or ACT), c) Successfully complete a senior project and d) Successfully complete the state civics exam.**

<sup>1</sup> Courses approved for the humanities are modern language, art, music, and theater.

<sup>2</sup> Courses approved for computer literacy are Computer Applications or Computer Science.

<sup>5</sup> Students must meet all State Board of Education Requirements.

# LAKELAND HIGH SCHOOL CLASS OFFERINGS

## LANGUAGE ARTS – pg 4

English 1/English 1 H  
English 2/English 2 H  
English 3/English 3 H  
English 4/English 4 H  
Speech  
English Composition

## MATHEMATICS – pgs 4-5

Integrated Math  
Algebra 1  
Geometry/Geometry H  
Algebra 2/Algebra 2 H  
Trig/Pre-Calc  
Calculus  
Math Applications  
Probability and Statistics (AP)  
Technical Math

## FAMILY & CONSUMER SCIENCES – pgs 5-6

Teen Living 1, 2  
Nutrition and Foods  
Intro to Culinary Arts  
Advanced Culinary Arts  
Housing/Interiors/Furnishings  
Parent/Child Development  
Clothing and Textiles  
Adult Living  
Educational Assistant

## SOCIAL STUDIES – pg 6

U. S. History  
U. S. Government  
Economics  
Contemporary World  
    Problems (CWP)  
World History

## BUSINESS – pgs 6-7

Intro to Business Professions  
Computer Applications 1, 2, 3  
Accounting 1  
Accounting 2  
Computer Graphics

## SCIENCE – pgs 7-8

Physical Science  
Biology  
Chemistry  
Physics  
Anatomy & Physiology  
Forestry and Wildlife  
Microbiology  
Forensics

## PHYSICAL ED – pg 8

Physical Education  
Lifetime Fitness  
Advanced P.E.  
Strength/Athletic Conditioning  
Health

## INDUSTRIAL TECH – pg 8

Industrial Mechanics I, II, III

## MODERN LANGUAGE – pg 9

Spanish 1, 2  
French 1, 2

## HUMANITIES – pgs 9-10

Art 1, 2, 3, 4  
Pottery 1, 2, 3  
Painting and Drawing 1  
Concert Band  
Wind Symphony  
Music Appreciation  
Beginning Guitar  
Concert Choir  
A Cappella Choir  
Acting I  
Acting II  
Introduction to Stagecraft  
Stagecraft 2  
Improvisation Theatre

## Additional Offerings– pgs 10-15

Video Production – Hello Hawks  
Psychology  
Law and Order  
Computer Science 1, 2, 3  
Exploring Sports Medicine?  
Teachers Aide/Office Aide  
Library Media  
Yearbook/Publishing  
Leadership (Fall – ASB/Class Officers only)  
Leadership in Community Service  
Modern Fiction  
Employment Focus  
Idaho Digital Learning Academy (IDLA)  
  
Advanced Opportunities  
Career/Technical Pathway - pgs 12-13  
College/University Pathway – pgs 14-15

## 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. Pre-requisite for honors English: A or B in Honors English in the 8<sup>th</sup> grade or an A in standard English. Students must earn a 70% or higher to remain in honors English 2<sup>nd</sup> 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 skill, building vocabulary, and studying grammar as an integral part of writing. Pre-requisite 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 2<sup>nd</sup> semester.

**English 3/English 3 H** 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. Pre-requisite for honors English: C or better in English 2 Honors or B or better in standard English 2. Students must earn a 70% or higher to remain in honors English 2<sup>nd</sup> semester.

**English 4** 2 semesters 2 credits Grade 12  
This course offers students a variety of writing experiences – letter, 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 general reading skills as well as those related to reading literature.

**English 4 H** 2 semesters 2 credits Grade 12  
Pre-requisite: C or better in English 3 Honors or B or better in standard English 3. This course exposes college bound seniors to writing experiences they'll confront in college, such as analytical and critical essays and a research paper. This course also surveys world literature from ancient times to the present. It acquaints students with major enduring ideas and teaches students how to read and write about literature. In addition, literary terms are reviewed and vocabulary development is emphasized. Students must earn a 70% or higher to remain in honors English 2<sup>nd</sup> semester.

**English Composition and Comprehension** 1 semester 1 credit Grade 10-12  
This course can be taken once as a make-up English credit. It can be used to replace a failing grade in English 1-4. Course emphasis will be on development of writing skills and reading comprehension.

**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. 14-15)\*\*

## MATHEMATICS

**Integrated Math** 2 semester2 2 credits Grade 9  
This is a one year course that introduces beginning Algebra and Geometry concepts.

**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, rations 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/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  
Pre-requisite: 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).

**Calculus** 2 semesters 2 credits Grade 12  
 Pre-requisite: 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 170) for this course through the University of Idaho.

**Math Applications** 2 semesters 2 credits Grades 11-12  
 Pre-requisite: 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.

**Probability and Statistics (AP)** 2 semesters 2 credits Grade 12  
 Prerequisite: Successful completion (C or higher) of Algebra 2. Elementary 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. At the end of the year, students will have the option of taking the AP exam and may earn college credit based on the results of that exam and the AP policy at specific post-secondary institutions.

**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. 14-15)\*\*

## **FAMILY AND CONSUMER SCIENCES**

**Teen Living 1, 2** 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. The emphasis of this course is to give you the basic skills needed to be able to take other FCS courses. 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 pre-requisite: Teen Living. Yes, we cook! This class covers food preparation methods, career options in nutrition and wellness, a look in to what our food is made of, where it comes from and other multicultural cuisine. There are cooking labs each week and an Iron Chef challenge at the end of the semester to put everything you learned to use! 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.

**Intro to Culinary Arts (Food Production Management Services)** 1 semester 1 credit Grades 11-12  
 Pre-Requisite: Foods and Nutrition. Intro to Culinary Arts is a School-to-Career program available to students in their junior and senior year of high school. This course introduces students to careers in foodservice and hospitality industry and teaches the basic skills and knowledge they need for success in the foodservice industry. On the job training along with classroom instruction enable students to experience all aspects of operating and managing a foodservice establishment and also helps students build good business and management skills.

**Advanced Culinary Arts (Adv. Food Production Management Services)** 1 semester 1 credit Grades 11-12  
 Course designed to provide the student with more advanced cooking skills for use in the food service industry. Students will study all types of food preparation as well as nutrition, cost control, and purchasing and inventory. There will also be an emphasis on sustainability in the restaurant and food-service industry. Marketing and global cuisine will also be studied.

**Housing, Interiors, and Furnishings** 1 semester 1 credit Grades 10-12  
 Do you want to learn to plan, build, purchase and design a home for living, working and relaxing? This is your class! You will apply principles of design to the structure, interior and exterior rooms and landscaping. This learning will come from hands-on projects within the high school. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

**Parenting & Child Development** 1 semester 1 credit Grades 10-12  
 Recommended pre-requisite: Teen Living. Emphasis is on stages of child development, important parenting skills, and careers in child development and child care. Project opportunities focus on children within the local community. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

**Clothing and Textiles**

1 semester

1 credit

Grades 10-12

Project Runway arrives at Lakeland High School! Put your creativity to work while learning the history of fashion and fashion trends. Design techniques will be studied and construction of garments will allow students the opportunity to create a variety of clothing pieces. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

**Adult Living**

1 semester

1 credit

Grades 11-12

Reality check! Are you preparing to graduate and leave home? This class will help you have the right skills to feel confident managing your money, searching for the perfect apartment or dorm room and help you not go hungry with simple meals that are delicious to eat and easy on your wallet. The primary focus of this course is to develop essential skills for living on your own, in a family or with others. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

**Educational Assistant**

2 semesters

2 credits

Grades 11-12

Pre-requisite: Parent and Child Development. Designed to prepare students and provide an opportunity to interact with students and support a classroom teacher. Students receive placement in an elementary school classroom that they will attend regularly during class time. Students will demonstrate professionalism, organize activities and become mentors. Students are given the opportunity to apply the knowledge they gain through the planning of a variety of school and community projects through FCCLA.

**SOCIAL STUDIES****U. S. History**

2 semesters

2 credits

Grade 11

This course briefly reviews American history from the American Revolution to Civil War. Emphasis is placed on the events occurring from the Reconstruction period to present day. First semester will review early American history and study events from reconstruction to the Twenties. Second semester will concentrate on events from the Great Depression to the modern era.

**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.

**Contemporary World Problems**

1 semester

1 credit

Grade 12

Students will research current economic, political, social and cultural problems, and explore how ongoing conflicts affect groups as well as individuals. In addition, students will complete the presentation and portfolio portions of the senior project.

**World History**

1 semester

1 credit

Grades 9-12

Students will spend a semester in a guided tour through man's past as it is understood by historians. The course runs from modern western civilization to the present day with special emphasis on Europe, Asia, and the Middle East. To give a basic framework study in these area will be done using the overarching themes of politics, big ideas (isms), economics, cultural development, religion, individuals, science/technology, the environment, and social life.

\*\*Advanced Opportunities options are available junior and senior year (pgs. 14-15)\*\*

**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  
 Pre-requisite: 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  
 Pre-requisite: 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.

**Accounting 1** 2 semesters 2 credits Grades 10-12  
 Pre-requisite: Computer Applications or instructor approval. Proficiency using Excel is required for this course. This course emphasizes accounting principles as they relate to the basic understanding and skills required in keeping manual and computerized financial records for a business. Emphasis is on providing basic skills for the accounting profession and/or preparation for further study in accounting. Both semesters of Accounting 1 are required to take Accounting 2. College credit may be received for this course.

**Accounting 2** 2 semesters 2 credits Grades 11-12  
 Pre-requisite: Accounting 1. Accounting 2 reinforces and expands the basic principles and procedures learned in Accounting 1. The course includes the study of partnerships, corporate, and cost accounting systems. Computer interaction with all phases of accounting activities is an integral part of this course.

**Computer Graphics** 1 semester 1 credit Grades 10-12  
 Pre-requisite: Computer Applications. Instructional program to prepare individuals to design and execute layouts and illustrations using appropriate graphic/arts communications principles and tools. The emphasis of this course is on preparing documents to print-industry standards.

## SCIENCE

**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.

**Biology** 2 semesters 2 credits Grade 10  
 The study of living organisms from the cell and genetics, to individual species and populations.

**Chemistry** 2 semesters 2 credits Grade 11-12  
 Recommended Pre-requisite: Completion of Algebra 2 or concurrent enrollment in Algebra 2. A lab physical science that studies the structure and composition of matter. Major areas of study in chemistry include: metric system and measurement, elements, compounds, and mixtures, chemicals formulas and equations, phases of matter, solutions, organic chemistry, Stoichiometric calculations, and nuclear reactions.

**Anatomy & Physiology** 2 semesters 2 credit s Grades 11-12  
 Pre-requisite: C or better in Biology. College preparation class for those interested in the health science careers. Several individual and group presentations are required. Areas of study include the major organ systems of the body.

**Forensics** 1 semester 1 credit Grades 11-12  
 Pre-requisite: Biology. Forensic science is a class that focuses on the identification and analysis of crime scene evidence that stresses critical thinking skills. Emphasis will be placed on the methods that link suspect, victim, and crime scene using science techniques from biology, anatomy, chemistry, physics, and earth science. Laboratory exercises will include finger printing, ballistics, blood typing, hair and fiber examination, and DNA analysis. Case studies and current events will be incorporated into each unit.

**Microbiology** 1 semester 1 credit Grade 11-12  
 Pre-requisite: Biology. Students will explore the characteristics of the major infectious diseases that affect humans. Methods of transmission, strategies to prevent or reduce an epidemic, impact on human society, and epidemiology of disease will be investigated as students read case studies and conduct outbreak investigations to solve medical mysteries. This course will focus on microbiology, cellular biology, and scientific research and writing, in the form of case studies.

**Forestry and Wildlife** 2 semesters 2 credits Grades 11-12  
 Pre-requisite: 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 12  
 Pre-requisite: Chemistry or teacher approval. Recommended Pre-Requisite: Completion of Algebra 2 or concurrent enrollment in Algebra 2. A lab physical science dealing with matter and energy and how they react with each other. Major areas of study in Physics include: metric system and measurement, mechanics, heat and wave motion, nature of light.

\*\*Advanced Opportunities options are available junior and senior year (pgs. 14-15)\*\*

## 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. Included is skill, written and physical fitness tests. This class may be repeated for credit.

**Lifetime Fitness** 2 semesters 2 credits Grades 9-12  
 Students in this course will focus on activities which will help them maintain a fit and healthy lifestyle as they move into adulthood. The class will focus on light resistance-training, walking, low-impact aerobics, flexibility-training and nutrition. 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. The course will also involve more advanced skill and written tests. This class may be repeated for credit.

**Strength/Athletic Conditioning** 2 semesters 2 credits Grades 9-12  
 Lifting techniques, safety, and routines will be taught. Students will be expected to actively participate in a weight training program. 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. 14-15)\*\*

## 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  
 Pre-requisite: Industrial Mechanics I. Industrial Mechanics II is designed to prepare students with skills in shop practices, welding, basic machine shop, metal working, trouble shooting, rigging, equipment installation, maintenance and repair for a variety of systems found in industrial operations.

**Industrial Mechanics III** 2 semesters 4 credits Grades 11-12  
 Pre-requisite: Industrial Mechanics II. Industrial Mechanics III is designed to be the capstone class for the industrial mechanics course work. This class will build upon the skills learned in the two previous years of Industrial Mechanics. The class will be a two period block. This course may be repeated for credit.

## MODERN LANGUAGE

**Spanish 1** 2 semesters 2 credits Grades 9-12  
 Pre-requisite: "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  
Pre-requisite: C or better in second semester of Spanish 1. Completion 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  
Pre-requisite: "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  
Pre-requisite: "C" or better in second semester French 1. Continued study in the French culture and language.

## **FINE ARTS HUMANITIES**

**Art 1: Art Fundamentals** 2 semesters 2 credits Grades 9-12  
Investigate the world of art! Students explore a survey of techniques and are introduced to basic materials, history of art and building blocks for successful art making. Areas of emphasis are drawing, painting, ink, color use, art appreciation, perspective, alternative topics, graffiti art, watercolor, printmaking, crafts, basic clay work and some sculptural projects. Students meet artists from the community through a Guest Artist Series. Weekly, students work in sketchbook assignments, logo designs, projects, and some written work. Students participate in art competitions and shows that may include monetary prizes.

**Art 2: Intermediate Art** 2 semesters 2 credits Grades 10-12  
Pre-requisite: Art 1. Enjoy the exciting experience utilizing skills taught in Art 1 and exploring more art techniques and projects through increased expectations and studies. Examples include mixed media, crafts, drawing, painting, printmaking and silk-screening. Students will have the opportunity to explore individual art projects, utilize research and create art. Class also includes sketchbook assignments and some written work. Students meet artists from the community through a Guest Artist Series.

**Art 3, 4: Advanced Art** 2 semesters 2 credits Grades 11-12  
Pre-requisite: Art 2. This class is intended for motivated students who have demonstrated excellence in art and a desire for advanced study. The focus of this course will be a clearly defined independent program and portfolio development. Students will learn about local and regional artists, art-based careers and college arts program. Highlights include a guest artist series and exposure to local galleries and community art resources. Art 4 requires instructor approval and is intended for students preparing for a college art program.

**Painting and Drawing 1** 2 semesters 2 credits Grades 10-12  
Pre-requisite: Art 1. Do you love to draw and paint? In this course, you can expect to gain strong foundational skills by drawing and painting studio projects in a wide variety of media and art forms while learning an overview of art history. Students will explore techniques and concepts of painting and drawing, experimentation with multi-media techniques and they will learn about famous artists and what makes their work so compelling. They will learn drawing and shading skills in pencil using contour, sketch, blending techniques and experiment with water color pencils and Prisma colors. Students will use watercolor, acrylic and water-based oil painting while applying color theory concepts.

**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  
Pre-requisite: 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.

**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 exercise 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 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.

**Music Appreciation** 2 semesters 2 credits Grades 9-12  
 Music Appreciation takes an in-depth look at music focusing on theory, composition, form, history, and performance. The class also explores American popular music. This class is mostly hands-on with some written work. No prior music experience is necessary.

**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 sem 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.

**Introduction to Stagecraft** 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 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  
 Pre-requisite: Introduction to Stagecraft and instructor approval. 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  
 Pre-requisite: 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.

\*\*Advanced Opportunities options are available junior and senior year (pgs. 14-15)\*\*

## **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. Topics such as law enforcement and basic law enforcement issues will be addressed. Courtroom procedure, etiquette, and mock trial will also be implemented. Students will gain a better understanding for the law, court procedures and the American judicial system. A major focus and emphasis will be on Law as it pertains to the individual and their rights regarding the law.

**Computer Science 1** 2 semesters 2 credits Grades 9-12  
 Prerequisite: Completion of Algebra 1. In this yearlong course you will learn how to select the best computer system for you. You will explore current topics in technology such as how advancements in artificial intelligence affect your life. You will examine how web pages have become more interactive and learn the skills to create your own website. You will learn how a computer converts zeroes and ones into useful applications and how you can participate in this process by writing code. You will learn how to make creations using three-dimensional design software. Finally, you will build and program small robots.

**Computer Science 2** 1 sem (fall only) 1 credit Grades 10-12  
 Pre-requisite: Computer Science 1. This is an introductory course using the QuickBasic language to program the computer. Emphasis is on programming methodology and structured programming. Programs include simple financial application, random numbers, sorting and searching data, sound, graphics, and animation.

**Computer Science 3** 1 sem (spring only) 1 credit Grades 10-12  
 Pre-requisite: Computer Science 2. This is a computer programming course in Visual Basic. The student as a programmer will design screens that hold standard Windows elements such as command buttons, check boxes, option buttons, text boxes, dialog boxes, and list boxes. Visual Basic uses statements similar to Qbasic to carry out the events of object-oriented programming. The course prepares students for other object-oriented programming languages such as C++.

**Exploring Sports Medicine ?**

**Teacher/Office Aide** 1 semester .5/1.0 credit Grades 11-12  
 Pre-requisite: Counselor approval. Students will be instructed in organization and preparation of bulletin board displays and the set-up and care of teacher equipment. Students will also be instructed on how to work with other students who need help on a one-to-one basis. Students are graded on a pass/fail basis and may be repeated for credit. There is a two semester limit for T.A. and/or Office Aide.

**Library/Media** 2 semesters 2 credits Grades 10-12  
 Pre-requisite: A love of reading and librarian approval. Students will provide assistance to library staff while learning library management and research skills. Keyboarding skills are necessary. Typical duties are: Handle computerized circulation desk duties; shelve books and magazines; operate audio visual equipment, including computers; input information into software programs; tape video shows or presentations; help process and repair books. Students will earn a grade for this class. This class may be repeated for credit.

**Yearbook /Publishing** 2 semesters 2 credits Grades 9-12  
 Designed for students to create models of effective journalism and production of the school yearbook. Students will learn about all aspects of writing for a publication as they generate, layout, and publish the school newspaper. Positions that need to be filled are editor, news reporting, sports reporting, cartooning, photography, advertisements, layout and production. 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.

**Leadership** 1 sem (fall only) 1 credit Grades 9-12  
 Pre-requisite: Elected ASB or Class Officer. This class 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.

**Leadership in Community Service** 1 sem (spring only) 1 credit Grades 9-12  
 This class is designed to cover all levels of leadership in the areas of community service, politics, and business. Activities include guest speakers, individual preparation for various competitions, organizing school activities (prom being one of them) and discussions of up-to-date political topics. This class may be repeated for credit.

**Modern Fiction** 2 semesters 2 credits 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 quizzes, presentations and short essays. The class will focus on novels from the following genres: science-fiction, horror and fantasy or novels which highlight societal or relationship issues.

**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. 14-15)\*\*

## IDAHO DIGITAL LEARNING ACADEMY

The Idaho Digital Learning Academy (IDLA) is a state sponsored, online virtual school established 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.

Traditional IDLA courses have scheduled start and end dates and are offered in a 9, 12 or 16 week format. Flex classes are also available if desired. 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.idahodigitalllearning.org](http://www.idahodigitalllearning.org). Interested students should meet with their counselor for additional information and to register for IDLA courses.

## LAKELAND ADVANCED OPPORTUNITIES ACADEMY

The Advanced Opportunities 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).

The Lakeland Advanced Opportunities Academy was created 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.

### Pathway One: Career/Technical Pathway

Recommended pre-requisite of C or better in Physical Science, Algebra 1, Geometry and English I and II.

Students completing an industry program below with a completion grade of 80% or higher and proficient on their industry certification exam will be recognized at graduation with an industry certification honor cord.

The Kootenai Technical Education campus (KTEC) is designed to provide students with real-life learning 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 4 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](http://www.ktctraining.org)

#### The Resort Academy- Year One & Year Two

2 semesters

4 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.

#### Health Professions- Year One

2 semesters

4 credits

Grades 11-12

Students will be provided with a broad understanding of the health care 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

4 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 1<sup>st</sup> semester. During 2<sup>nd</sup> 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.

#### Computer Repair and Networking- Year One & Year Two

2 semesters

4 credits

Grades 11-12

This two year program is designed for students who intend to enter the computer technology field as a trained technician. The students will receive instruction and hands on repair work to become skilled technicians for a variety of employment opportunities. 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

4 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 4 credits Grades 11-12  
This two year program is designed for students who intend to enter the automotive repair field as a trained technician. The 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 4 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.

**Construction Trades- Year One & Year Two** 2 semesters 4 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.

**Diesel Technology- Year One & Year Two** 2 semesters 6 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.

**Automation Manufacturing/Engineering- Year One & Year Two** 2 semesters 6 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.

**Sports Medicine (Year 1)/Per Trainer or Phys Therapy Asst (Year 2)** 2 semesters 4 credits Grades 11-12  
In year one of this course, students will be introduced to the area of sports medicine. Following completion of year one, students will specialize in the area of personal trainer or physical therapy assistant. This class meets on the LHS campus. KTEC math and science are not available for this class and must be scheduled at LHS.

**KTEC Science** -Juniors at KTEC will complete a technical science course. This course will use an applied physics textbook and supplemental material specific to the various technical programs. KTEC Technical Science is not accepted by four year colleges as a third year of science and is not an approved course by the NCAA for student athletes. Students in the construction and resort academy program will be take an IDLA Environmental Science class in place of KTEC technical science. Students choosing to take science at Lakeland may opt out of KTEC science with counselor approval.

**KTEC Math** – Seniors at KTEC will be given the opportunity to take an IDLA Career Math course supervised by a math instructor at KTEC. Students taking a math course at LHS may opt out of KTEC math with counselor approval.

## 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 Fast Forward Participation Form to the counseling department with both a parent and student signature. As state funds cannot be used to cover textbooks, students are responsible to purchase or rent any required textbooks for selected courses. A textbook rental program is in place for all Dual Credit courses offered on the LHS campus. Dual Credit students are expected to abide by all NIC expectations and guidelines. Dual Credit students follow the NIC school calendar for courses taken on NIC's campus. These courses provides a collegiate schedule that offers instructor office hours for additional one-on-one assistance and inclusion of optional enrichment activities to maximize the learning opportunities for enrolled students.

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

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 course will be transcribed as 1.5 high school credits). Students who earn 12 college credits will be honored with a **black** honor cord. A student with 26 or more college credits while in high school will be honored at graduation with a **maroon** honor cord.

**College and AP courses that will be offered on the LHS campus during the 2017-2018 school year are as follows:**

**Dual Credit**

**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.

**ENGL 101 – English Composition**

1 semester (fall)                      3 NIC credits                      Grades 11-12

English 101 prepares students for the demands of academic and professional writing. Students will learn processes and strategies for writing clear, precise, and accurate prose and will demonstrate their abilities in a series of expository essays. Students will also learn to read, analyze, synthesize, and respond to a collection of written texts. This course is required for all degree programs and will be recognized as an equivalent of one semester of junior or senior English.

**ENGL 175 – Introduction to Literature**

1 semester (spring) 3 NIC credits                      Grade 12

This is a survey of literature’s many forms including essay, short story, 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. This course is offered via video distance learning and will count as elective credits at the high school.

**MATH 143- College Algebra**

1 semester (fall)                      3 NIC credits                      Grades 11-12

This course takes a deeper look at the definition of functions, their properties and notation in both algebraic and graphical context. MATH 143 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.

**MATH 144- Analytic Trigonometry**

1 semester (spring) 2 NIC credits                      Grades 11-12

This course includes angles, trigonometric functions, their 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.

**MATH 170 – Analytic Geometry and Calculus 1**

2 semesters                      4 UI Credits                      Grade 12

Functions, limits, continuity, differentiation, integration, applications and differentiation and integration of transcendental functions.

**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 an 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 an equivalent of one semester of high school US history.

**POLS 101- American National Government**

1 semester (fall)                      3 NIC credits                      Grade 12

In this course, students study 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 an equivalent of one semester of high school government.

**POLS 105- Introduction to Political Science**

1 semester (spring) 3 NIC credits                      Grade 12

This course is designed to introduce students to several areas of political science such as international relations, comparative politics, political philosophy, and research methods. This course addresses cultural diversity by giving students an introduction into different philosophies of government and how various political systems around the world may be organized. This course will be recognized as one semester of high school government. **This class will not be accepted by the University of Idaho for any credit and will typically be categorized as elective credit for most other institutions. Students are responsible for checking with specific institutions regarding transferability of this course.**



**BIOL 100- Fundamentals of Biology**

2 semesters      4 NIC credits      Grades 11-12

This introductory course provides a general overview of evolution, the five kingdoms, DNA, cell structure, genetics, and human systems. This is a class for non-biology majors and may not be accepted as fulfilling biology course requirements for biology majors or some medical programs. It satisfies a laboratory science course requirement for the A.S. and A.A. degrees and will count as 2 credits of upper-level high school science.

**CHEM 101 – Introduction to Chemistry**

2 semesters      4 UI credits      Grades 11-12

This course is a survey of the basic concepts of inorganic chemistry that includes quantitative concepts and development of problem solving methods. This course is designed for general education majors and can be used as preparation for CHEM 111.

**Art 100 – Survey of Art**

1 semester      3 NIC credits      Grades 11-12

This course is designed to create a greater aesthetic understanding and appreciation of the various visual arts. Emphasis will be on painting, sculpture, architecture, and related art forms. When appropriate, gallery tours, films and visiting artists will be included. This class is appropriate for both non-art students and art majors.

**PE 110R – Strength Training**2<sup>nd</sup> 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 student develop a personalized training program. This course may be repeated for credit. This class meets two days per week after school.

**AP Courses****Probability and Statistics (AP)**

2 semesters      2 credits      Grade 12

Prerequisite: Successful completion (C or higher) of Algebra 2. Elementary 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. At the end of the year, students will have the option of taking the AP exam and may earn college credit based on the results of that exam and the AP policy at specific post-secondary institutions.