

# Timberlake High School

Lakeland Schools ... A Great Place to Learn



## Curriculum Guide

Grades 9-12

2021-2022

## **PHILOSOPHY OF LAKELAND PUBLIC SCHOOLS**

The philosophy and objectives of Lakeland Public Schools shall be to develop each of its students to his or her fullest capability – morally, academically, socially and physically.

To reach this goal, the school system will encourage and work at all times for a high sense of moral values, and provide adequate opportunities for each student to develop his or her natural interests and talents.

### **DISTRICT VISION STATEMENT**

A community committed to academic excellence and dedicated to student success!

### **DISTRICT MISSION STATEMENT**

The mission of Lakeland Joint School District is to provide a quality education, empowering all students to achieve success.

This information is designed to help you in planning your course work toward graduation, and more importantly, your future career. Read this guide carefully and involve your parents/guardians in your decisions. Counselors, teachers, and administrators are available to assist you. Do not hesitate to ask them questions.

**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 and career advisor if you have any questions.

Students who reside in our district and are seeking a Timberlake High School Diploma are expected to enroll as a full-time student at THS. 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 THS. 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 THS, even if they enroll full-time the spring semester of their senior year.

## **Grading Scale/Transcript Information**

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. This is on a case by case basis.

Students who earn a C or higher in 8 th 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 th grade and chooses to repeat Algebra 1 in high school, the course taken in 8 th grade will not appear on the transcript.

Timberlake High School will utilize both a weighted and unweighted grade point system.

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

### **Academic Information for Athletes:**

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 start of the semester in which the sport begins. Students who participate in sports at the high school level will be granted up to two semesters or two credits of PE, one credit for each completed sports season. PE may still be taken for elective credit.

To be eligible for NCAA or NAIA athletic scholarships students must meet requirements determined by these entities. It is the student's responsibility to make sure the NCAA/NAIA requirements are met.

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)

## TIMBERLAKE HIGH SCHOOL CLASS OFFERINGS

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 Spanish 1 & 2  
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 Video Production and Broadcast  
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 Intro to Livestock Industry  
 Applied Livestock Management  
 Intro to Agriculture Industry  
 Small Animal Care  
 Equine Science  
 Agriculture Leadership  
 Ag Mechanics 1 & 2  
 Ag Welding 1 & 2  
 Teacher Aide  
 Office Aide

**LAKELAND JOINT SCHOOL DISTRICT 272  
GRADUATION REQUIREMENTS**

<b>TIMBERLAKE HIGH SCHOOL GRADUATION PLAN</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
GEOMETRY	2	9-10
MATH ELECTIVES	4	9-12
PERSONAL SKILLS DEVELOPMENT	1	12
PHYSICAL SCIENCE	2	9
BIOLOGY	2	10
SCIENCE ELECTIVE	2	11-12
US HISTORY 1, 2, 3	3	10-11
US GOVERNMENT	2	12
ECONOMICS	1	12
HEALTH	1	10
PHYSICAL EDUCATION	1	9-10
HUMANITIES	2	9-12
COMPUTER LITERACY	1	9
ELECTIVES	12-14	9-12
<b>TOTAL</b>	<b>46</b>	

**The State Board of Education has added the following additional graduation requirements: (1) Satisfactory completion of a senior project that includes an oral presentation and written report. (2) Take either the ACT, SAT or COMPASS exam by the end of grade 11. (3) Civics Test must be successfully completed by graduation. (4) One year of math must be taken during senior year.**

## COURSE DESCRIPTIONS

### LANGUAGE ARTS

**English 1** 2 semesters 2 credits Grade 9  
The main goal of this course is for students to develop written, visual, and oral communication. Emphasis is placed on reading comprehension and written and spoken language.

**English 1 (H)** 4.5 GPA SCALE 2 semesters 2 credits Grade 9  
Prerequisite: Grade of A or B in previous English courses, recommendation of instructor and approval from English Dept. (Written application may be required.) The goals in Honors English are the same as English 1. In addition, students are expected to be active participants in daily discussions. They should also be capable of independent and original thought. Honors English moves at a faster pace and students should be prepared.

**English 2** 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.

**English 2 (H)** 4.5 GPA SCALE 2 semesters 2 credits Grade 10  
Prerequisite: Completion of English 1 with an A or B, and the recommendation of an instructor and approval from the English Dept. (Written application may be required.) Class will cover reading and writing various genres of literature, study of grammar, usage, and advanced vocabulary. Honors English moves at a faster pace with higher expectations than regular English. Students are expected to participate in class discussions, produce quality written work, and demonstrate a willingness to be challenged.

**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. Vocabulary development is also stressed. 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 3 (H)** 4.5 GPA SCALE 2 semesters 2 credits Grade 11  
Prerequisite: Completion of English 2 with an A or B, recommendation of instructor and approval from English Dept. (Written application may be required.) This course reviews basic writing skills and teaches students how to write essays they will be expected to write in college. It emphasizes developing various thinking skills such as analysis and evaluation through writing. This class surveys American Literature and ideas. It emphasizes critical thinking and the development of reading and writing skills related to literature.

**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. Samplings from World Literature classics will expose students to great literature. Thinking and language art skills will also be stressed.

**Personal Skills Development (Speech)** 1 semester 1 credit Grades 11-12  
This course focuses on developing agricultural leadership, citizenship, and HS Speech Credit cooperation and fulfills the speech graduation requirement. This course includes topics in personal growth, parliamentary procedure, public speaking, interpersonal communication, job skills, and career exploration. The FFA organization is used as a model for instruction. Students interested in participating in the FFA are strongly encouraged to take this course.

**Strategic English 1,2,3,4** 2 semesters 2 credits Grades 9-12  
The curriculum for the student is designed on an individual basis according to the goals written at the Child Study Team meeting on the student's Individualized Education Program (IEP). Areas of focus in language are reading, spelling, vocabulary, and writing.

## MATHEMATICS

**Algebra 1** 2 semesters 2 credits Grades 9-10  
This is a one year course in the basic structure of algebra and includes the properties of real numbers, equation solving, polynomial operations, factoring, algebraic fractions, linear equations, and their graphs, systems of their equations, work problems, and inequalities.

**Math Applications** 2 semesters 2 credits Grades 10-12  
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.

**Geometry** 2 semesters 2 credits Grades 9-10  
Prerequisite: Algebra 1. 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** 2 semesters 2 credits Grades 10-12  
Prerequisites: C or better in Algebra 1 and Geometry. 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). *Students taking this course need to have a scientific calculator.* Students can take this class for college credit through Northwest Nazarene University.

**Probability and Statistics** 2 semesters 2 credits Grades 11-12  
Prerequisite: Algebra 2. This course is an upper level math elective designed for students planning to attend college or post-high school training in business, health related fields, or any of the social sciences. Content includes a survey of probability, organizing and analyzing data into tables and graphs, statistical methods, and testing of statistical methods to critique research methods in published work such as professional journals.

**Calculus** 2 semesters 2 credits Grade 12  
Prerequisite: Trig/Pre-Calculus. Calculus is the final math course in the five-year math program. It is definitely intended to enhance the preparation of students to enter a college calculus course or possibly test out of the initial collegiate course. Students can take this class for college credit through Northwest Nazarene University.

**Technical Math** 2 semesters 2 credits Grade 12  
Prerequisite: Algebra 1. Students interested in the vocational trades or reviewing Algebra and Geometric skills will learn real-world math skills, including (but not limited to) whole numbers, fractions, ratios, percents, weights and measures, plane geometry, and trigonometric functions.

**Math Concepts, Algebra 1 Concepts, Geometry Concepts & Math Applications Concepts**  
The curriculum for the student is designed on an individual basis according to the goals written at the Child Study Team meeting on the student's Individualized Education Program (IEP).

## **FAMILY AND CONSUMER SCIENCES**

**Teen Living** 1 semester 1 credit Grades 9-10  
This course focuses on issues that impact the teenager and the family unit. Major points of study include basic life skills in problem solving, peer relations, communications, nutrition, meal preparation, consumer issues, employment and clothing construction.

**Nutrition & Foods** 1 semester 1 credit Grades 9-12  
A semester-long course addressing nutrition and personal lifestyle that emphasizes food preparation techniques, meal management skills, consumer skills, the impact of nutrition on our lives, and career options in nutrition and related fields. Nutrition and food decisions made at all ages affect personal fitness.

**Adult Living 1** 1 semester 1 credit Grades 11-12  
This course emphasizes nutrition and food management and preparation, consumer skills, and financial resource management.

**Adult Living 2** 1 semester 1 credit Grades 11-12  
This course emphasizes interpersonal and family relationships, marriages, communication strategies, family life, parenting issues and home and family skills.

**Parenting & Child Development** 1 semester 1 credit Grades 11-12  
Prerequisite: Teen Living or instructor permission. A one-semester course that emphasizes parenting choices and parenting decisions. Content includes stages of prenatal development and the physical, intellectual, social and emotional development of the infant and young child. This course is designed to strengthen parenting and guidance skills, positive family relationships, safety and health practices. Students will learn to evaluate child care services, and to explore careers related to young children.

**Education Assistant** 2 semesters 2 credits Grades 10-12  
A year long course for students interested in pursuing a career in education. Education Assistant provides high school students with an opportunity to interact with elementary or preschool students and support a classroom teacher. In this capacity the student will be able to: tutor individual students, work one-on-one with students who have special needs (whether academic, physical, emotional or social) and monitor the instructional progress of small and large groups of students. Students will follow and support the classroom teacher's instructional plan, behavioral plan, and management plan. Following two weeks of classroom preparation the student is assigned to an elementary classroom or preschool for the duration of the year. All written assignments and time sheets are returned to the FCS teacher.



## **SOCIAL STUDIES**

**U. S. History 1** 1 semester 1 credit Grade 10  
Students will learn America's history of its original inhabitants, European colonization, the English colonies, American Revolution and the early republic.

**U. S. History 2** 1 semester 1 credit Grade 11  
In this semester students will learn America's history of the events leading to the Civil War, The Civil War and Reconstruction, Westward Expansion, The Gilded Age, Progressivism, Imperialism, WWI, and the 1920's.

**U. S. History 3** 1 semester 1 credit Grade 11  
This course covers the Great Depression, WWII, the Cold War, Post War Society & Civil Rights, Great Society & Vietnam, the end of the Cold War, and 21st Century Challenges.

**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.

**Consumer Economics** 1 semester 1 credit Grade 12  
This course will give students a working knowledge of world economic systems, supply and demand, inflation and its causes, rights of consumers including contracts, monetary and fiscal policy, banking, credit, housing, buying skills, tax preparation, insurance, and budgeting.

**Advanced Placement U. S. History** 5.0 GPA SCALE 2 semesters 2 credits Grade 11  
Advanced Placement United States History is designed to be the equivalent of a college level introductory course in U.S. history. Its content takes the form of a survey of U.S. history from the period of Pre-Columbian societies in the Americas to the dawn of the twenty-first century. It is essentially a college class taught in a high school, so students will be expected to manage the demands of a full year introductory college course. The course will prepare them for the College Board's A.P. United States History exam in May, the culminating experience of the course. A passing score on the national exam allows students to earn up to eight college credits transferable to virtually any college or university in the country while fulfilling their high school requirements for graduation.

**Advanced Placement Government** 5.0 GPA SCALE 2 semesters 2 credits Grade 12  
AP U.S. Government and Politics is a college-level year-long course that not only seeks to prepare students for success on the AP Exam in May, but also provides students with the political knowledge and reasoning processes to participate meaningfully and thoughtfully in discussions and debates that are currently shaping American politics and society. It is important to note that this course is not a history course; it is a political science course that studies the interconnectedness of the different parts of the American political system and the behaviors and attitudes that shape this system and are the byproduct of this system. AP U.S. Government and Politics accomplishes these goals by framing the acquisition of political knowledge around enduring understandings and big ideas about American government and politics that can be applied to a set of disciplinary practices through the use of select reasoning processes. Through the development of this set of political knowledge, disciplinary practices, and reasoning processes, by the end of the course, students will be able to analyze current and historical political events like a political scientist and develop factually accurate, well-reasoned, thoughtful arguments and opinions that acknowledge and grapple with alternative political perspectives.

## BUSINESS

### **Computer Applications 1** 1 semester    1 credit    Grade 9

This class satisfies the Computer Literacy graduation requirement. Computer Applications is a one-semester course designed to acquaint students with basic principles and terminologies associated with data “information” processing. The course includes an introduction to operating systems, word processing, spreadsheet, database and desktop publishing software.

### **Computer Applications 2** 1 semester    1 credit    Grades 9-12

Prerequisite: Computer Applications 1. A more in-depth course covering complex software applications. Keyboarding speed and accuracy are part of required competencies.

## 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 advanced track sequence instead of starting the regular sequence with physical science followed by biology 10th grade year:

<b>Regular Track:</b> 9th grade – Physical Science 10th grade – Biology 11th grade – Option of several science electives	<b>Advanced Track:</b> 9th grade – Biology 10th grade – Chemistry/CHEM 1200 11th grade – Physics/Physics 1110 12th grade – Option of several science electives
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### **Physical Science** 2 semesters    2 credits    Grade 9

Students will understand the process of physical science, measurement, the tools used, and the role of science in society. The student will develop knowledge of: the structure, composition, and properties of matter; and energy.

### **Biology** 2 semesters    2 credits    Grades 9-10

Students will investigate many aspects of living organisms from the cell and genetics, to individual species and populations.

### **Chemistry** 2 semesters    2 credits    Grades 10-12

Prerequisite: Completion or concurrent enrollment in Algebra 2 is recommended. A lab of 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, chemical formulas and equations, phases of matter, solutions, organic chemistry, Stoichiometric calculations, and nuclear reactions. Students can take this class for college credit through Northwest Nazarene University.

### **Physics** 2 semesters    2 credits    Grade 11-12

Enrollment in Trig recommended. Completion or concurrent enrollment in Algebra 2 is required. A laboratory-based physical science dealing with matter, energy, and their interactions. Major areas of study include: metric system and measurement, motion, momentum and energy, thermodynamics, wave motion, and electricity and magnetism. Students can take this class for college credit through Northwest Nazarene University.

### **Ornamental Horticulture** 2 semesters    2 credits    Grades 11-12

This course is designed to prepare students to produce greenhouse and nursery plants, maintain plant growth and propagation, examine different soil and plant relationships, examine different irrigation, land judging, plants, crop and weed

identification, diseases, insects and plants. Students will have hands-on instruction where they can take what they learned in the classroom and apply it in a laboratory setting.

**Survey of Science** 2 semesters 2 credits Grades 11-12  
Prerequisite: Biology. Survey of science is a science elective class that consists of a quarter of geology/astronomy, a quarter of forensics, a quarter of forestry, and a quarter of wildlife biology. It is a hands-on, project based survey of the general topics in each individual subject.

**Earth Science** 2 semesters 2 credits Grades 11-12  
Earth Science covers the workings of our Earth's systems as well as the universe. The course covers the major topics such as energy, weather, climate, and plate tectonics. Students will explore the Earth's atmosphere as well as the forces that shaped our planet. Students will also learn about space exploration, the solar system, geologic time and the universe. The course also covers the use of Earth's natural resources and how it is constantly changing.

## **PHYSICAL EDUCATION / HEALTH**

**Physical Education** 2 semesters 2 credits Grades 9-12  
Physical Education or Fitness & Conditioning is required for graduation. This course involves learning skills for individual and team sports and fitness activities. Course work will emphasize lifetime sports and leisure activities and fitness and strength activities. Included are skill, written, and physical fitness tests.

**Fitness & Conditioning** 2 semesters 2 credits Grades 9-12  
Athletic conditioning should make a contribution to the physical, mental, and emotional state of the student/athlete. It should develop a strong sense of commitment towards becoming a physically fit person and should develop an ongoing respect of lifelong physical fitness. The primary aim of fitness & conditioning is to develop the general skills and attitude that are necessary to be successful in all types of athletic venues. To accomplish this we will focus on speed/strength training, attaining motor skills, cognitive development, cardiovascular efficiency, psychology of sport, and the nutritional demand of the athlete.

**Health** 1 semester 1 credit Grade 10-12  
The class deals with the lifelong 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.

**Family Health and Wellness** 1 semester 1 credit Grade 10-12  
After successfully completing this course students will be able to: Examine the elements of a healthy foundation; analyze the relationship between nutrition, fitness, and sleep for wellness; identify and promote mental and emotional health; develop understanding of healthy relationships; analyze the effects of drugs on individuals, families and communities; understand, identify, and prevent diseases and disorders and understand the function & care of body systems; demonstrate what to do in emergency situations, and identify careers related to health.

## FINE ARTS/HUMANITIES

**Movies as Literature** 2 semesters 2 credits Grades 9-12

In this class you will analyze literary devices and concepts through the medium of film. We look at characterization, theme, conflict, setting, and more. We will also discuss film-making techniques: cinematology, performance, lighting, etc.

**Psychology** 2 semesters 2 credits Grades 10-12

This course will introduce you to the fundamental principles of psychology and to the major subjects of psychological inquiry. It has been designed to not only provide you with the tools necessary for the study of psychology, but to also change your viewpoint of human behavior. The course begins with a short overview of the history of how psychology developed as an academic discipline as well as an historical look into society's approach to abnormal psychology. The subsequent units are arranged around broad areas of research, including learning, social psychology, memory, and biology of the mind. We also view philosophies which attempt to explain the connection between mind and body, our consciousness, our perceptions, dreams, emotions, and our personalities. We will focus on well-substantiated research and current trends within each of these categories.

**Digital Photography 1 & 2** 1 semester 1 credit Grades 9-12

Digital Photography is an introduction to the digital camera as an art-making tool designed for students at the beginning level. The course will use digital photography to help students learn and apply the basic elements of art and the principles of design. This course will also provide students with opportunities to extend their knowledge and skills in the field of photography and the use of Adobe Photoshop and Lightroom. Digital Photography will familiarize the student with digital photographic history, artist study, equipment, materials, methods, and processes. Visual problem-solving skills are explored through the use of the computer as the main tool for creative expression and communication. Students will create their own Google Site as a place to exhibit their projects and portfolio work.

**Art 1** 2 semesters 2 credits Grades 9-12

This course introduces students to fundamental materials and techniques. Projects focus on the exploration of 2-dimensional and 3-dimensional media, figurative work, understanding creativity, and an appreciation for Art History. Primary objectives of this class include helping students gain confidence in creative expression; develop necessary organizational and time management skills; enhance written, verbal and artistic communication, and prepare for further course study in the arts. It is recommended that students take both semesters of Art 1 to successfully prepare for additional art courses.

**Advanced Art** 2 semesters 2 credits Grades 10-12

Prerequisite: Two semesters of Art 1 or permission of instructor. This course intensifies the study of art and extends project time so that longer works can be accomplished and the study of art appreciation and history can be expanded. It is geared toward students seriously interested in the arts.

**Pottery – Beginning & Advanced** 2 semesters 2 credits Grades 10-12

Prerequisite: One semester of Art 1 or permission of instructor. This is a hands-on course encompassing four basic pottery techniques – pinch, slab, coil, form. Advanced Pottery covers additional techniques, including wheel and casting, and requires completion of Beginning Pottery. Emphasis will be on vocabulary, art history, building techniques, surface decoration and responsible use of class time to manage multiple projects.

**Chorus 1, 2, 3, 4** 2 semesters 2 credits Grades 9-12

This course deals with (1) popular, contest, and concert music (2) small ensemble singing (3) vocal exercises and techniques to improve individual singing ability (4) basic music terminology and theory (5) basic music history and listening skills. Each additional year of involvement brings increased expectations and expertise.

**Band 1, 2, 3, 4** 2 semesters 2 credits Grades 9-12  
Prerequisite: Permission of teacher and possible audition. This course deals with (1) popular, pep band, contest, and concert music (2) solo and small ensemble music (3) exercises for improvement of technical skill in playing an instrument (4) basic music terminology and theory (5) basic music history and listening skills. Each year of involvement brings increased expectations and expertise.

**Acting 1** 1 semester 1 credit Grades 9-12  
The course places emphasis on stagecraft, stage movement, and character development through dramatic exercises. Students will be expected to read plays and participate in both in-class and out-of-class productions in order to adequately fulfill the purpose of the course.

**Acting 2** 2 semesters 2 credits Grades 10-12  
Prerequisite: Drama 1 and/or teacher approval. The purpose of the course will be to further extend skills in stagecraft, stage movement and character development, in addition to make-up and direction techniques. Students will be required to participate in evening productions in order to adequately fulfill requirements of the course.

**Intro to Stagecraft – Stagecraft 2** 2 semesters 2 credits Grades 9-12  
This class is for students that like to work behind the scenes as part of the production crew for a play performance. The goal of the class is to give you clear understanding and experience in set design, lighting and sound, costume design and assembly, makeup, and publicity.

**Yearbook/Publications** 2 semesters 2 credits Grades 9-12  
Prerequisite: Application, teacher recommendations. This class is designed for students to create models of publication through the production of the yearbook (from fall until spring) and the school literary magazine (in the spring). The student will study layout and design, advertising, photography, literary genres, editing, and journalistic communications with the use of technology.

## **FOREIGN LANGUAGE**

**Spanish 1** 2 semesters 2 credits Grades 9-12  
Prerequisite: C or better in English classes, 9<sup>th</sup> grade students must have a B or higher in English. Concentration will be in 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 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.

**NOTE: Some out of state Colleges and Universities require 2 years of a foreign language.**

## ELECTIVES

**Leadership** 2 semesters 2 credits Grades 9-12  
Prerequisite: Teacher recommendation and student must attend 3 out of 6 courses on campus. 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.

**Video Production and Broadcast Journalism** 2 semesters 2 credits Grades 11-12  
Prerequisite: C or better in English I, II, Computer Applications, and complete the Tiger TV Application form. The main objective of this course will be to produce Tiger T.V. for THS. Students will learn video camera operation and techniques, along with editing, audio dub and voice over processes. The fundamentals of broadcast journalism and journalism ethics will be emphasized. Students will be involved in show planning, development, interviewing and news anchoring techniques.

**Zoology/Equine Science** 1 semester 1 credit Grades 10-12  
Develop knowledge and skills pertaining to nutrition, reproduction, diseases, breeding, genetics, anatomy, physiology and training of horses. Students will apply what they have been learning in the class through laboratory experiments. These experiments will require students to sometimes work either individually or together in groups.

**Advanced Equine Science** 1 semester 1 credit Grades 10-12  
Prerequisite-Successful completion of Equine Science Zoology. This course provides advanced instruction for students with an interest in pursuing the equine industry as a career. Evaluation and selection will be emphasized.

**Introduction to the Livestock Industry** 1 semester 1 credit Grades 9-12  
This course is designed to introduce students to various livestock industries throughout the United States, and to help them get a better idea of what each industry does and what makes each one of these various industries unique. Throughout this class students will be able to apply what they have been learning about in class through laboratory experiments. These experiments will vary by topic and will require students to sometimes work either individually or together in groups.

**Intro to Agricultural Industry** 1 semester 1 credit Grades 9-12  
This course introduces students to the various segments of the agricultural industry. Agricultural career opportunities will be emphasized. Basic animal science, plant and land science, as well as an agricultural experience program and related record keeping will be presented. Leadership development will be provided through FFA.

**Veterinary Science 1** 1 semester 1 credit Grades 11-12  
This course will develop students' understanding of the livestock, small and companion animal industry, animal breeds, animal anatomy and physiology, animal nutrition, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Since FFA and Supervised Agricultural Experience Programs (SAEs) are integral components of this course, students are required to maintain an SAE, and are eligible to become a member of the FFA organization.

**Veterinary Science 2** 1 semester 1 credit Grades 11-12  
This course will further develop students' understanding of the livestock, small and companion animal industry, animal behavior, animal systems, animal anatomy and physiology, animal nutrition, animal reproduction, animal health, veterinary medicine, and veterinary medical practices. Since FFA and Supervised Agricultural Experience Programs

(SAEs) are integral components of this course, students are required to maintain an SAE, and are eligible to become a member of the FFA organization

**Agricultural Leadership** 1 semester 1 credit Grades 11-12  
Students are required to plan and complete a Supervised Agricultural Experience Project. Students will refer to **ffa.org** for examples of SAE's. At the end of the semester; students will prepare and present a presentation about their project. Students will also participate in at least one of the following leadership development events: extemporaneous speaking, prepared public speaking, agriculture issues forum, marketing plan or agriculture communications. Students will also be required to participate in at least one career development event.

**Applied Livestock Management** 1 semester 1 credit Grades 9-12  
This course is designed to follow the Introduction to the Livestock Industry class. Students will concentrate their focus on understanding how to maintain healthy livestock. This will include identifying the proper management of various livestock species, describing proper safety protocols when working with livestock, demonstrating how to properly fit and show livestock and understanding the importance of record keeping.

**Small Animal Care** 1 semester 1 credit Grades 10-12  
To become familiar with a variety of small animals and understand the importance of safety when dealing with small animals.

**Agriculture Mechanics and Power Systems 1,2,3,4** 1 semester 1 credit Grades 9-12  
These courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. While learning to apply basic industrial knowledge and skills (engine mechanics, power systems, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; a study of electricity and power principles; and safety procedures.

**Agriculture Welding 1,2,3,4** 1 semester 1 credit Grades 9-12  
Agricultural Welding and Fabrication will introduce students to basic metal fabrication and welding techniques. Students will learn the basics of Arc Welding (SMAW), Metal Inert Gas Welding (MIG), and Tungsten Inert Gas Welding (TIG). The course will begin with an introduction to these fabrication methods, safety standards that must be upheld during the course, and will conclude with a project utilizing these various fabrication techniques.

**Sports Medicine** 2 semesters 2 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.

**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.

**Tech Assistant** 2 semesters 2 credits Grades 9-12  
Job shadowing opportunity for up to 3 students to work directly with lead building lab tech to problem solve and fix technology issues ranging from Chromebook fixes to larger systematic glitches. Must be a junior or senior with a fluent background in troubleshooting and/or working with technology. Also, the students will handle everything from reloading a

machine, factory settings, packaging machine up to send out to the company for replacement, and checking out devices overnight and making sure things are charged up each day.

### Teacher/Office Aide

1 semester 1 credit Grade 12

Prerequisite: 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.

**NOTE:** A minimum number of students are required for all elective classes. If the class minimum is not met, certain electives may be canceled.

## DUAL CREDIT

### What is Dual Credit?

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 signatures.

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 or NNU. (3) Take the college placement exam when required (4) Submit the Dual Credit Authorization Form with parent/student signatures. (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.

### Why Enroll ?

- The transition to college-level coursework can be a difficult one for many students. While fully satisfying college credit requirements, dual credit courses are taught within the supportive structure and familiar context of the high school. These courses offer *a natural bridge into collegiate coursework and expectations*, and can help enhance the confidence of students in their own abilities to accomplish college-level coursework.
- Dual credit courses are comprehensive and rigorous courses taught at the introductory college level. For high school juniors and seniors willing and able to challenge themselves in this way, these courses encourage *academic acceleration toward the post-secondary level*, rather than relaxation of standards and motivation as high school graduation approaches.
- Students in grades 9-12 who attend a public school in Idaho have an allocation of \$4,125.00 to apply toward the cost of Overload Courses, Dual Credits, and Exams. 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 signatures. As state funds cannot be used to cover textbooks, students are responsible to purchase or rent any required textbooks for selected courses.





**NNU Math 2510**                      5.0 GPA SCALE                      2 semesters                      2 credits                      Grade 12

Course Prerequisite: Successful completion of Trig/Pre-Calculus.

*Calculus* is an advanced mathematics course covering topics of limits, differentiation and its applications, exponential and other transcendental functions, and integration techniques and applications. ([Course Syllabus](#))

Instructor: Mrs. Hauck teaches as an adjunct instructor for Northwest Nazarene University. ([Contact Mrs. Hauck](#))

**NNU Chemistry 1200**                      5.0 GPA SCALE                      2 semesters                      2 credits                      Grades 10-12

Course Prerequisite: Successful completion of Biology.

*Principles of General Chemistry and Lab* will prepare students for entry into CHEM 1210 or CHEM 2210. A grounding in major principles of general chemistry including atoms, nomenclature, molecular structure, bonding and stoichiometry. No prior knowledge of chemistry is assumed.

Instructor: Mrs. Wenstrom teaches as an adjunct instructor for Northwest Nazarene University.

**NNU Physics 1110**                      5.0 GPA SCALE                      2 semesters                      2 credits                      Grades 11-12

Course Prerequisites: Successful completion of Algebra 2 and enrollment in Trig/Pre-calc or higher.

*College Physic 1 and Lab* is a comprehensive non-calculus based approach to the fields of physics. Designed for the students whose career goals are architecture, business, physical therapy, science education, and pre-medicine. There will be an emphasis placed on problem solving. The course will include concepts in motion, work and energy, thermodynamics, waves, and electricity.

Instructor: Mr. Kluss teaches as an adjunct instructor for Northwest Nazarene University.



## KOOTENAI TECHNICAL EDUCATION CAMPUS

KTEC is designed to provide students with real-life learning opportunities through integrated academic and technical units in programs not already offered. Students who enroll in at KTEC typically have a strong career interest in one or more fields being offered, and receive exposure to high-end and state-of-the-art programs and services. These programs will be directly related to the preparation of high school students for the workforce, following industry standards that could lead to an AA degree for graduates. Through a diverse “mapping” of the curriculum, students can expect challenging courses related to technology. See your counselor for more information.

### **KTEC PROGRAM DESCRIPTIONS**

#### **AUTOMOTIVE TECHNOLOGY PROGRAM**

Automotive Technology is a 2 year program designed for students who intend to enter the automotive repair field as a trained technician. This program is based upon nationally recognized industry standards and is taught by an ASE certified instructor. The students will receive hands-on and classroom instruction to become skilled technicians.

This course can be taken as a 1 or 2 year course and students will be working toward industry certifications.

#### **DIESEL TECHNOLOGY PROGRAM**

Diesel Technology is a 2 year program designed for students who intend to enter the Diesel Engine & Heavy Equipment repair field as a trained technician. This program is based upon nationally recognized industry standards and is taught by an NATEF or ASE certified instructor. The students will receive hands-on and classroom instruction to become skilled technicians.

This course can be taken as a 1 or 2 year course and students will be working toward industry certifications.

#### **COMPUTER REPAIR & NETWORKING PROGRAM**

Computer Repair & Networking is a 2 year program designed for students who intend to enter the computer technology field as a trained technician. This program is based upon nationally recognized industry standards and is taught by an A+ and NET+ certified instructor. The students will receive classroom instruction and hands on repair work to become skilled technicians for a variety of employment opportunities. Topics covered in the Computer & Network Systems program include basic skills needed to repair and maintain computer systems, using a variety of hardware and software installation of operating system software and networking of computers and systems.

#### **HEALTH PROFESSIONS PROGRAM**

*Health Professions/CNA is a 2 year course*

##### Year 1 Introduction to Health Professions:

This course is designed to provide students with a broad understanding of the health care system and introduction to the roles of various members of the healthcare team. Current trends and issues in healthcare are explored and discussed. Professionalism according to industry standards, legal and ethical issues, and job descriptions for health occupations will be reviewed along with job shadowing experience.

Additional curriculum includes basic anatomy and physiology, infection control, as well as an introduction to medical terminology. Students will also receive their American Heart Association CPR Certification.

#### Year 2 Idaho Certified Nursing Assistant Certification:

During this year, students will be provided instruction through classroom theory, lab and clinical skills in preparation for the Idaho State Nursing Assistant Certification exam. Students will have supervised clinical experience in both long-term care and acute hospital care settings in preparation for state certification.

Additional curriculum includes: Stop the Bleed Certification, Dual Credit Medical Terminology and the opportunity to complete Assistance with Medications Certification for Unlicensed Assistive Personnel.

The KTEC Health Professions/ CNA Program is an active member of HOSA-Future Health Professionals, the career and technical student organization (CTSO) specifically dedicated to student leadership and preparing students for careers in the healthcare industry. Each year, KTEC sends qualifying students to participate in the HOSA State and International Leadership Conferences.

### **CONSTRUCTION TRADES PROGRAM**

Construction Trades is a 2 year program which is based upon industry standards associated with the Residential Carpentry field. Students applying for enrollment in this course should have a passion for all areas of this career field. Students will be covering curriculum from planning and design through construction and marketing of a residential home.

This is a hands-on course which includes Safety, Tools Usage and Operation, Construction Techniques including foundations, framing, roofing, etc. This program requires extensive standing, climbing, bending and kneeling. This course can be taken as a 1 or 2 year course and students will be working toward industry certifications.

### **INDUSTRIAL WELDING & METAL FABRICATION PROGRAM**

Industrial Welding & Metal Fabrication is a 2 year program which is based upon industry standard AWS (American Welding Society) certification standards. This program is designed to prepare students for entry level employment as structural, pipe or production welders. Students will be working toward industry certifications. Program complies with national standards established by the AWS and is taught by an AWS certified welding instructor. Welding Technology combines theory and applied shop practices designed to develop welding skills including OAC (oxy-acetylene cutting), SMAW (shielded metal arc welding), GMAW (gas metal arc welding), and GTAW (gas tungsten arc welding), as well as blueprint reading, layout procedures, metallurgy and safety.

This program can be taken as a 1 or 2 year course.

### **AUTOMATION MANUFACTURING/ENGINEERING PROGRAM**

Automated Manufacturing and Design is a 2 year program which has been designed for students who desire to begin their careers in either Engineering or Engineering Technology. This course is based upon Industry Standards for a broad range of the Manufacturing Industries.

Specific subject matter will include: Computer Aided Drafting & Design (CAD), Electronics & Electro-Mechanical, Hydraulics & Pneumatics, Motor Controls & Automation, Robotics & Programmable Logic Controls, Gears & Linkages, Safety Management and Machining.

This course can be taken as a 1 or 2 year course and students will be working toward industry certifications.

## **COLLISION & REPAIR PROGRAM**

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.

Course Description Students will learn:

• Prep for paint• Removal and replacement of bolt-on parts• Dent repairs• Final Detailing• MIG welding• Plastic repairs• Setup and measure for frame and unibody alignment• Mechanical Part operation and replacement• Estimating

## **HVAC PROGRAM**

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.