

Timberlake High School

Lakeland Schools ... A Great Place to Learn



Curriculum Guide

Grades 9-12

2020-2021

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.

SCHEDULING INFORMATION

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.

Students must attend eight semesters of high school to earn a diploma. Waivers for seven-semester graduation are possible if all requirements and regulations are met, and appropriate approvals are received.

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.

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 in the class of 2013 and beyond 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.

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

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. Carefully check the entrance requirements for the university of your choice and talk to your counselor if you have any questions.

Lakeland Joint School District #272 does not discriminate or deny services on the basis of age, race, religion, color, national origin, sex, and/or disability.

TIMBERLAKE HIGH SCHOOL CLASS OFFERINGS

LANGUAGE ARTS - pg. 6,7 English 1 English 1 H English 2 English 2 H English 3 English 3 H English 4 English 4 – College Prep. Speech(Personal Skills Development) Strategic English 1,2,3,4	SOCIAL STUDIES – pg.9 Contemporary World Problems (CWP) U. S. History U. S. Government Consumer Economics AP US History	INDUSTRIAL TECH – pg.11,12 Industrial Mechanics I, II, III Fundamentals of Technology
MATHEMATICS – pg. 7,8 Math Foundations Algebra 1 Geometry Math Applications Algebra 2 Trig/Pre-Calculus Calculus General Math Senior Math Probability & Statistics	BUSINESS ED – pg.9,10 Computer Applications 1 Computer Applications 2 Accounting 1 Accounting 2 Entrepreneurship	HUMANITIES – pg.14 Art 1 Beginning & Advanced Pottery Advanced Art 1 & 2 Chorus 1, 2, 3, 4 Band 1, 2, 3, 4 Digital Photography 1 &2 Acting 1 & 2 Improvisation Theatre (Improv) Intro to Stagecraft/Stagecraft 2 Movies as Literature Psychology Spanish 1 & 2
FAMILY & CONSUMER SCIENCES – pg.8 Nutrition and Foods Adult Living 1, 2 Teen Living Parenting & Child Dev. Education Assistant	SCIENCE – pg. 10 Physical Science Biology Chemistry Physics Survey of Science Anatomy & Physiology Horticulture	OTHER – pg.14,15 Yearbook/Publications Video Production and Broadcast Leadership Employment Focus Study Strategies Sports Medicine Intro to Livestock Zoology/Equine Science
FOREIGN LANG. – pg. 14 Spanish 1, 2	PHYSICAL ED – pg.11 Physical Education Fitness & Conditioning Health	ADVANCED OPPORTUNITIES Concurrent Opportunities – Page 14 KTEC Opportunities – Page 17

Minimum REQUIREMENTS FOR ADMISSION TO IDAHO COLLEGES AND UNIVERSITIES:

English	8 credits
Math	6 credits – a total of 8 credits are strongly recommended
Natural Sciences	6 credits – At least 2 credits must involve lab science experience.
Humanities	2 credits minimum – Foreign Language is strongly recommended
Social Studies	5 credits minimum
Other College Prep.	3 Credits – Speech, Studio/Performing Arts; Foreign Language; State Division PTE (2 credits max)

College Placement Tests – ACT or SAT

REQUIREMENTS FOR ADMISSION TO IDAHO TECHNICAL SCHOOLS:

English	8 credits
Math	4 credits – 2 credits in grades 11 or 12. 6 credits recommended for technical programs.
Natural Sciences	4 credits – At least 2 credits must involve lab science experience.

LAKELAND JOINT SCHOOL DISTRICT 272
GRADUATION REQUIREMENTS FOR THE CLASSES OF 2013 AND BEYOND

REGULAR DIPLOMA		
COURSE	CREDIT	GRADE
ENGLISH 1	2	9
ENGLISH 2	2	10
ENGLISH 3	2	11
ENGLISH 4	2	12
PICK ONE OF THE FOLLOWING MATH OPTIONS		
INTEGRATED MATH	2	9
ALGEBRA 1	2	10
GEOMETRY	2	11
ALGEBRA 2	2	12
ALGEBRA 1	2	9
GEOMETRY	2	10
MATH ELECTIVE	2	11
MATH ELECTIVE	2	12
GEOMETRY	2	9
ALGEBRA 2	2	10
MATH ELECTIVE	2	11
MATH ELECTIVE	2	12
SPEECH (Personal Skills Development)	1	10-12
PHYS SCIENCE	2	9
BIOLOGY	2	10
SCIENCE ELECTIVE	2	11-12
CWP	1	10-12
US HISTORY	2	11
US GOVERNMENT	2	12
ECONOMICS	1	12
HEALTH	1	10-12
PHYS EDUCATION	1	9-10
HUMANITIES	2	9-12
COMPUTER LITERACY	1	9-10
ELECTIVES	14	9-12
TOTAL	46	

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

1 Humanities- A minimum of 2 fine arts credits is required. Courses approved for the humanities are:

FINE ARTS – - Foreign Language, Band, Chorus, Art, and Drama

2 Courses approved for computer literacy are Computer Applications, Computer Graphics, and Computer Science.

³ The Physical Education requirement can be completed by participation in one athletic season of school sponsored athletic teams. 1 credit will be awarded upon completion of each sport season. A maximum of 2 credits can be earned.

⁴ One year of math must be taken during the 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

Pre-requisite: Grade of A or B in previous English courses, recommendation of instructor and approval from English Dept. (Written Application 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 for this.

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

Pre-requisite: Completion of English 1 with an A or B, and the recommendation of instructor and approval from English Dept. (Written Application 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

Pre-requisite: Completion of English 2 with an A or B, recommendation of instructor and approval from English Dept. (Written Application 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.

English 4 – College Prep

2 semesters 2 credits Grade 12

Required for a College Preparatory Diploma. This course exposes college bound seniors to writing experiences they'll confront in college, such as analytical essays and research. This course also surveys world literature from ancient times to the present and is recommended for college bound students. It acquaints students with major enduring ideas and teaches students how to read and write about literature. Advanced vocabulary development is emphasized.

Strategic English 1,2,3,4

2 semesters 2 credits Grades 9, 10, 11, 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.

Speech

1 semester 1 credit Grades 10-12

Required for graduation. 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.

MATHEMATICS

Integrated Math

2 semesters 2 credits Grades 9

This is a one year course that introduces beginning Algebra and Geometry concepts.

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. Once enrolled at NIC students can challenge MATH 024 in their area of interest by retaking the appropriate final exam.

General Math 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 Students Individualized Education Program (IEP). Areas of focus include the four basic operations, fractions, decimals, percents, measurements, time, and life skill applications.

FAMILY AND CONSUMER SCIENCES

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.

Nutrition & Foods 1 semester 1 credit Grades 9-12

Prerequisite: Teen Living or instructor permission. 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.

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.

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.

Education Assistant

2 semester

2 credits

Grades 11-12

Prerequisite: Parent & Child Development. A year long course for Juniors & Seniors 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. **University of Idaho ED201 credits are available with this class.**

SOCIAL STUDIES

Contemporary World Problems

1 semester

1 credit

Grades 10 - 12

Required for graduation. In this one semester course students will study eight regions: North America, Central America, South America, Europe, Africa, Middle East, Asia and Southern Asia/Australia. The class will look at historical backgrounds of dominant cultures, religions, governments/events, and geography of each region. Students will also discuss contemporary problems dominating each region, study what is being done to solve those problems and discuss what students think could be done to solve those problems.

U. S. History

2 semesters

2 credits

Grade 11

Required for graduation. This course briefly reviews Pre Civil War American history, then 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

Required for graduation. 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

Required for graduation. 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 US 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 provide 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 Grades 9-12

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.

Tech Assistant: Curriculum #922 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 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.

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.

Accounting 1 – 1 & 1B

2 semesters 2 credits Grades 10-12

Accounting is a year long course which emphasizes accounting principles as they relate to the basic understanding and skills required in keeping manual and computerized financial records. Emphasis is on providing basic skills for the accounting profession and/or for further study in accounting or business. Students can earn college credit for taking this course.

Accounting 2 – 2 & 2B

2 semesters 2 credits Grades 11-12

Prerequisite: Accounting 1. Accounting 2 reinforces and expands the basic principles and procedures learned in Accounting 1.

Entrepreneurship

2 semesters 2 credits Grades 11-12

A course designed to expand on the concepts learned in sequence of courses. The course provides knowledge, skills, and understanding related to the ownership and management of a business. Simulations and hands-on applications are used. Focus is on the development of a viable business plan related to the students' area of entrepreneurial interest and in-school business.

SCIENCE

Chemistry 1200 Principles of General Chemistry and Lab -5.0 GPA SCALE Credit(s): 1 Grades: 10,11,12

Course Description: This course 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.

Physical Science

2 semesters 2 credits Grade 9

Required for graduation. The student 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 Grade 9-10

Required for graduation. Students will investigate many aspects of living organisms from the cell and genetics, to individual species and populations. Advanced science students can take the advanced science sequence of Biology, Chemistry, and Physics.

Chemistry

2 semesters 2 credits Grade 10 - 12

Required for advanced diploma. Prerequisite: Completion or concurrent enrollment in Algebra 2 is required. 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.

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.

Physics 1110 College Physic 1 and Lab

Course Description: This course 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.

Credit Hours: PHYS 1110 - 3 Semester hour PHYS 1110L - 1 Semester hour

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

Anatomy & Physiology

2 semesters 2 credits Grades 11-12

Prerequisite: C+ or better in Biology or instructor permission. This is a college preparation class for those interested in the human and /or animal health science careers. Areas of study include a review of the cell, its parts and functions, the major tissue types, organs, and organ systems of the human body.

Advanced Horticulture

Horticulture

2 semesters 2 credits Grades 11-12

Prerequisite: Biology.

This science class provides hands-on opportunities to learn plant science. Topics include: plant propagation techniques, plant processes, greenhouse management and record keeping, landscape planning and design using ProLandscape software, product marketing, disease & pest control, plant identification, research topics and Idaho native plants. Guest speakers from area businesses related to class topics and field trips will add to the scope of this class.

Note: Horticulture is a science class that fulfills the third year science requirement for graduation. Students may also take the class as an elective.

Ornamental Horticulture 1,2

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.

PHYSICAL EDUCATION / HEALTH

Physical Education

2 semesters 2 credit 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 is skill, written, and physical fitness tests.

Fitness & Conditioning

2 semesters 2 credits Grades 9-12

Physical Education or Fitness & Conditioning is required for graduation. 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

Required for graduation. 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:

- 1. EXAMINE THE ELEMENTS OF A HEALTHY FOUNDATION
- 2. ANALYZE THE RELATIONSHIP BETWEEN NUTRITION, FITNESS, AND SLEEP FOR WELLNESS
- 3. IDENTIFY AND PROMOTE MENTAL AND EMOTIONAL HEALTH
- 4. DEVELOP UNDERSTANDING OF HEALTHY RELATIONSHIPS
- 5. ANALYZE THE EFFECTS OF DRUGS ON INDIVIDUALS, FAMILIES, AND COMMUNITIES
- 6. UNDERSTAND, IDENTIFY, AND PREVENT DISEASES AND DISORDERS AND UNDERSTAND THE FUNCTION & CARE OF BODY SYSTEMS
- 7. DEMONSTRATE WHAT TO DO IN EMERGENCY SITUATIONS
- 8. IDENTIFY CAREERS RELATED TO HEALTH

Outdoor Fitness curriculum # 408

1 semester 1 credit Grades 11-12

Outdoor Fitness is an experientially-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence and, at the same time, acquire a sense of trust and commitment in their classmates. Outdoor Fitness is designed to expose students to a variety of outdoor pursuits including; kayaking/canoeing/paddle boarding, fishing, disc golf, hiking, rock climbing, archery, snowshoeing, winter survival techniques.

Course may not exceed 15 students

Prerequisite: Complete at least one year of physical education coursework. Course will be filled first with seniors, then juniors, sophomores.

INDUSTRIAL TECHNOLOGY

Agriculture Mechanics and Power Systems 1,2,3,4

1 semester 1 credit Grades 9-12

This 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.

Fundamentals of Technology

1 semester 1 Credits Grades 9-12

Fundamentals of Technology is the prerequisite course for Industrial Technology education courses. The course is designed to introduce students to those principles and skills used in subsequent technology courses. Students learn to sketch solutions to problems, create technical drawings and presentations, build objects, and apply creative problem solving methods. Emphasis is placed on accessing and communicating information; and using simple and complex tools in a safe manner. Students develop an understanding of the tools, techniques, and processes of technology using design principles, computers, problem solving, and project making.

Industrial Mechanics 1

2 semesters 2 credits Grades 9-12

This course emphasizes shop safety, and the materials and processes of the field of Industrial Mechanics. Basic skills in drafting, welding fabrication, bench work, basic electricity, machining (milling machine and lathe), and small engine theory & lab will make up the basis for this hands on class. Students will be introduced to CNC machining, hydraulics, and basic electricity. This course is recommended for students that are pursuing careers in engineering, mechanics, any of the metal or mechanical trades. Prerequisite- No Prerequisite

Industrial Mechanics 2

2 Semesters 2 Credits Grades 10-12

This course allows for greater depth of theory, and more difficult lab tasks to hone the students skills. The curriculum is designed to allow each instructor the latitude to provide a variety of stimulating real world activities combined with basic skill development exercises. Activities will involve real world technical problem solving experiences whenever possible as a student progresses through the task listings. Greater skill development exercises will be required of some areas before the student applies those skills to independent and group projects. Many of the task listings are blended into the curriculum as opposed to being presented as a standalone topic. An example would be the mathematics and communication tasks would be reviewed and reinforced throughout the course, but would not be taught as a single unit.

Prerequisite – Industrial Mechanics 1

Industrial Mechanics 3

2 Semesters 2 Credits Grades 11-12

This course allows for an even greater depth of theory, and more difficult lab tasks to hone the students skills. The curriculum is designed to allow each instructor the latitude to provide a variety of stimulating real world activities combined with advanced skill development exercises. Activities will involve real world technical problem solving experiences, the

completion of real world projects, or orders for clients. Farther skill development exercises will be required in some areas before the student applies those skills the projects being worked on.

Prerequisite - Industrial Mechanics 2

FINE ARTS (Humanities and Interdisciplinary 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 9-12

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

Prerequisite: none. 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. This course requires an art fee per semester.

Advanced Art

1- 2 semesters 1 credit/semester

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. This course requires an art fee per semester.

Pottery – Beginning & Advanced

1-2 semesters 1 credit/semester

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. This course requires an art fee per semester. You must take beginning to get into advanced.

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. This course will fulfill part of the Humanities requirement. (Not an English credit.)

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. This course will fulfill part of the humanities requirement. (Not an English credit.)

Improvisation Theatre (Improv)

1 semester 1 credit Grades 9-12

This course is designed as an in depth study of the art of improvisation meant to improve your public speaking skills, help you think quickly on your feet, get you outside your comfort zone and explore your creativity and spontaneity. Students will learn to incorporate audience input as a beginning point and each scene is a type of theater 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.

Intro to Stagecraft – Stagecraft 2

2 semesters 2 credits Grades 9-12

Prerequisite: Art, Teen Living, Fundamentals of Technology or teacher permission. 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.

Survey of Art 100

5.0 GPA SCALE

1 semester 3 credits Grades 11-12

This lecture 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, films, and visiting artists will be included. A basic understanding of visual art coordinates with the principles emphasized in studio art classes. This course is appropriate for both non-art students and art majors who wish

to view art with greater awareness and respond to and evaluate art with approaches that are both objective and critically subjective. Lecture: 3 hours per week

FOREIGN LANGUAGE

Spanish 1 2 semesters 2 credits Grades 9-12
Prerequisite: C or better in English classes, 9th 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.

OTHER

*****Students must have a 3.0 cumulative G.P.A. in order to register for dual enrollment courses.**

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.

Personal Skill Development (speech credit) 1 semester 1 credit
Grades: 10(with teacher approval), 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.

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 semester 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, 11, 12**
Content: 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. Elective Credit

Advanced Equine Science

Grades: 10, 11,12

Prerequisite-Successful completion of Equine Science Zoology

Content: This course provides advanced instruction for students with an interest in pursuing the equine industry as a career. Evaluation and selection will be emphasized.

Elective Credit

AVS 110 The Science of Animal Husbandry

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.

Elective Credit

Intro to Agricultural Industry

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. Elective Credit

Employment Focus **2 semesters** **2 credits** **Grade 12**

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.

Teacher/Office Aide **1 semester** **1 credit** **Grades 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.

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 on 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.

Sports Medicine

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. .

Concurrent Enrollment at THS

What is Concurrent Enrollment?

Concurrent Enrollment courses are advanced-level courses that *simultaneously* satisfy the requirements for high school and college credit. Concurrent enrollment courses are taught in the high school building, either by local college professors or by members of the high school teaching faculty approved as adjunct instructors by a college or university.

Why Enroll Concurrently?

- The transition to college-level coursework can be a difficult one for many students. While fully satisfying college credit requirements, concurrent 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.

- Concurrent 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.
- Concurrent courses offer students an opportunity to ***earn college credit at a highly-discounted rate***, before the full expense of on-campus tuition arrives with enrollment in a college or university degree program. Credits earned through concurrent enrollment are transferable to nearly all colleges and universities, and so can provide an economical way to get a jump start on general education and elective credits.

COMM 101 – Intro to Speech Communication 5.0 GPA SCALE 1 semester 1.5 credit Grades 11-12

Course Description: 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.

College/University Credit and Cost: English Composition satisfies one semester (3 credits) of English at North Idaho College. Transcript course awarded is **ENGL-101**. North Idaho College offers concurrent credit courses at a cost of \$65 per credit.

NIC English 101/NUU English 1020 5.0 GPA SCALE 1 semester 1.5 credits Grades 11-12

Course Description: English Composition prepares students for the demands of academic and professional writing. Students learn processes and strategies for writing clear, precise, and accurate prose and demonstrate their abilities in a series of expository essays. Students also learn to read, analyze, synthesize, and respond to a collection of written texts.

College/University Credit and Cost: English Composition satisfies one semester (3 credits) of English at North Idaho College. Transcript course awarded is **ENGL-101**. North Idaho College offers concurrent credit courses at a cost of \$65 per credit..Northwest Nazarene University offers concurrent credit courses at a cost of \$65 per credit.

NIC English 175/ NUU English 1094 5.0 GPA SCALE 1 semester 1.5 creditsGrades 11-12

Course Description: Introduction to Literature is a survey of literature's many forms including essay, short story, poetry, and drama. The course focuses on literature as a primary vehicle for ideas and values and helps students recognize and appreciate the humanistic and artistic elements of literature.

College/University Credit and Cost: Introduction to Literature satisfies one semester (3 credits) of english at North Idaho College. Transcript course awarded is **ENGL-175**. North Idaho College offers concurrent credit courses at a cost of \$65 per credit..Northwest Nazarene University offers concurrent credit courses at a cost of \$65 per credit.

Northwest Nazarene University/Calculus – Math 2510 5.0 GPA SCALE

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

Course Description: 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)

College/University Credit and Cost: Calculus satisfies one semester (4 credits) of mathematics at Northwest Nazarene University. Transcript course awarded is **MA251**. Northwest Nazarene University offers concurrent credit courses at a cost of \$65 per credit.

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

College/University Credit and Cost: College Algebra satisfies one semester (3 credits) of mathematics at Northwest Nazarene University. Transcript course awarded is **MA130**. Northwest Nazarene University offers concurrent credit courses at a cost of \$65 per credit.

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

College/University Credit and Cost: Trigonometry satisfies one semester (3 credits) of mathematics at Northwest Nazarene University. Transcript course awarded is **MA140**. Northwest Nazarene University offers concurrent credit courses at a cost of \$65 per credit.

Course Description: This course 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.

Course Description: This course 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.

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

Instructor: Mrs. Miller teaches as adjunct instructor for the University of Idaho. (Contact Mrs. Miller)

Course Description: A year long course for Juniors & Seniors 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.

College/University Credit and Cost: Education assistant satisfies one semester (2 Credits) of **ED201** at a cost of \$65 per credit.

Kootenai Technical Education Campus - KTEC
COURSE DESCRIPTIONS

Kootenai Technical Education Campus – First Year Courses (11, 12)

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.

PROGRAM - AUTOMOTIVE TECHNOLOGY
KT0201, KT0202, KT0203

This 2 year program is 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 Automotive Service Excellence (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.

PROGRAM – DIESEL TECHNOLOGY
KT0601, KT0602, KT0603

This 2 year program is 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 a National Automotive Technicians Education (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.

PROGRAM – COMPUTER REPAIR & NETWORKING
KT0550, KT0600, KT0607

This 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.

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

PROGRAM – RESORT ACADEMY

KTEC

This 2 year program in Lodging Management that partners the high schools and the Coeur d’Alene Resort to provide a comprehensive curriculum in the hospitality and tourism industry. Class is held at the CDA Resort.

Year 1 – students will work with the management team of different departments (housekeeping & laundry, front desk, reservations, Dockside food service & preparation, Convention Center Food service & preparation, and spa, at the CDA Resort for two days each week. Year 1 students are also responsible for researching and planning the annual three day spring trip for all members of the Resort Academy. Professional reading and writing is done with industry trade journals. Journal writing will be used to record worksite learning and off-site visitations.

Year 2 – students will work with various departments including transportation, engineering, sales, catering and accounting. Students will have direct participation in the CDA Resort’s strategic development. Year 2 students will be using their experience in the hospitality/tourism industry by planning and bringing to fruition a fundraising project to benefit a local charity. This project is known as “Teens Reaching Out”. Professional reading and writing and reflective journaling will continue in this course.

PROGRAM – HEALTH PROFESSIONS

KT0133, KT0230, KT0130, KT0238

This is a 2 year course. Year 1 is an introduction to Health Professions. This course is designed to provide students with a broad understanding of the healthcare system and introduction to the roles of various members of the health care team. Current trends and issues in healthcare are explored and discussed. Professionalism, legal and ethical issues, scope of practice and job descriptions for several health occupations will be reviewed and shared along with some job shadowing experience. Students will become members of the student led organization, health Occupations of America (HOSA) TO ENHANCE JOB SKILLS AND LEADERSHIP OPPORTUNITIES. Other curriculum includes anatomy and physiology, as well as an introduction to medical terminology. Students will be CPR certified.

Year 1 is a prerequisite for Year 2 course. Year 2 is Certified Nursing Assistant & Pharmacy Technician. Students will receive a much more focused, in depth exposure to the health care professions. During the first semester students will complete the course requirements for their C.N.A. and be eligible to take the Nursing Assistant Competency Evaluation (NACEP) exam. Students will have supervised training in both long-term care and acute care in the hospital in preparation for their certification. During the second semester, students with the pass-assured pharmacy tech program and obtain a re-certification in CPR and First Aid.

Additional curriculum includes specialized areas in nursing, including restorative and rehabilitation therapy. Tech prep credit will be available to students in health Professionals, Infection Control, Communication and Medical Terminology. HOSA will be integrated into the program along with project based activities for program enhancement.

PROGRAM – CONSTRUCTION TRADES

KT1101, KT1102, KT1103

This 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.

PROGRAM – INDUSTRIAL WELDING & METAL FABRICATION

KT1401, KT1402, KT1403

This 2 year program which is based upon industry standards 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. The program complies with national standards established by AWS (American Welding Society) 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.

PROGRAM – AUTOMATION MANUFACTURING/ENGINEERING

KT1004, KT1005, KT1006

This 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

Machining

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

PROGRAM – COLLISION & REPAIR

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.

