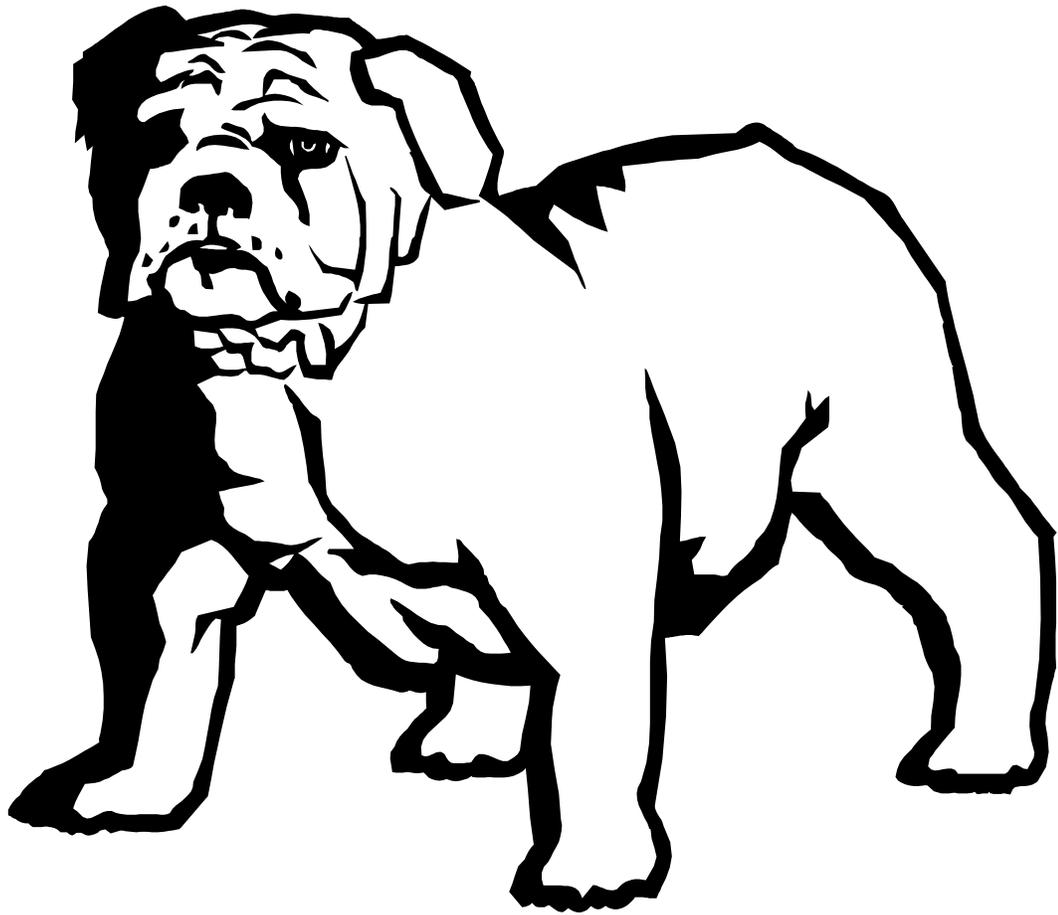


Grangeville High School



2020-2021

GHS COURSE LIST

CONTENTS PAGE

LANGUAGE ARTS

BASIC ENGLISH I A & B.....	5
ENGLISH I A & B.....	5
ENGLISH II A & B	5
ENGLISH III A & B.....	5
ENGLISH IV A & B.....	6
DC/HONORS ENGLISH IV A & B.....	6
SPEECH.....	6

MATH

BASIC ALGEBRA I A & B.....	6
ALGEBRA I A & B	7
GEOMETRY A & B.....	7
ALGEBRA II A & B.....	7
PRE-CALCULUS A & B	7
STATISTICS.....	7
CALCULUS.....	8
PERSONAL FINANCE.....	8

SCIENCE

PHYSICAL SCI A & B	8
BIOLOGY I A & B.....	8
HONORS BIOLOGY I A & B.....	8
PHYSICS A & B	8
CHEMISTRY A & B.....	9
PHYSIOLOGY A & B.....	9
ADVANCED INTEGRATED SCIENCE A & B.....	9

SOCIAL STUDIES

EARLY AMERICAN HISTORY A & B.....	9
U.S. HISTORY A & B	9
GOVERNMENT A & B.....	10

ECONOMICS A.....10

HUMANITIES

SPANISH I A & B.....10

SPANISH II A & B10

CHOIR A & B10

VARSITY BLUE A & B.....10

HISTORY OF ROCK AND ROLL A11

GUITAR B11

BAND A & B11

ART APPREC I A & B; ART APPREC II A & B11

PRE-STUDIO ART A & B.....11

STUDIO ART A & B.....11

FILM ANALYSIS A.....12

DRAMA12

WORLD MYTHOLOGY.....12

PHYSICAL EDUCATION

HEALTH12

PE A & B.....12

WT TRAINING A & B.....12

LIFETIME SPORTS13

FUNDAMENTALS FOR HEALTH PROFESSIONS INTERNET COURSE.....13

MEDICAL TERMINOLOGY13

CERTIFIED NURSING ASSISTANT.....13

BUSINESS

BUSINESS COMPUTER APPLICATIONS.....13

ADVANCED BUSINESS COMPUTERS.....14

WEB DESIGN.....14

MULTI-MEDIA14

PUBLISHING 1 & 214

BUSINESS LAW A.....15

ACCOUNTING 1.....15

SOLIDWORKS A (GRAPHICS)15

BUSINESS MANAGEMENT	15
BUSINESS ADMINISTRATION.....	15

AGRICULTURAL

INTRO TO AGRICULTURE I.....	16
INTRO TO AGRICULTURE II	16
AG WELDING	16
AG POWER TECHNOLOGY	16
ADVANCED POWER SYSTEMS & AG FABRICATION	17
FORESTRY.....	17
BOTANY	17
FISH & WILDLIFE SCIENCE.....	17
ZOOLOGY	17
ADVANCED LEADERSHIP.....	18
PERSONAL SKILLS DEVELOPMENT	18

FAMILY & CONSUMER SCIENCE

TEEN LIVING A & B	18
FOODS.....	18
FOODS II.....	18
BAKING & PASTRY FUNDAMENTALS	18
CHILD DEVELOPMENT	19
CAREER AND PERSONAL DEVELOPMENT.....	19
FASHION & TEXTILES	19
HOUSING, INTERIOR DESIGN	19

STUDENT AIDES & MISCELLANEOUS

STUDY OF CHILDREN’S LITERATURE.....	19
BOOK CLUB	20
DEBATE	20
FLY TYING	20
LIBRARY AIDE A & B	20
OFFICE AIDE A & B.....	20
TEACHER AIDE A & B.....	21
ED CADET A & B	21

LANGUAGE ARTS

BASIC ENGLISH I A & B

PRE-REQUISITE: FAILURE OF ISATS, OR QUALIFICATIONS FOR REMEDIAL HELP

Remedial English is designed to focus on the basic skills needed to be successful in regular English classes and to pass the ISATS. Basic understanding of sentences and the parts of speech will be developed through intensive drills and exercises. Writing exercises will strive for sentence development, paragraph development and the understanding and use of proper usage, spelling, capitalization and punctuation. The study of literature will focus on development of basic reading skills through short stories, poetry, drama, and novel studies. Students will learn literary terms and analyze works for theme, plot, and characterization.

ENGLISH I A & B

REQUIRED FOR ALL ENTERING FRESHMEN UNLESS IN BASIC ENG I

Freshmen English is a heterogeneously grouped course which focuses on composition and literature study. In particular, writing exercises strive to develop skillful paragraphs, primarily of an expository nature, which reflect a student's understanding of proper paragraph form and the proper mechanics of usage, spelling, capitalization, and punctuation. The study of literature takes a generic approach, beginning with short story, and including drama, poetry, novel and essay. Students will learn literary terms and begin to deal with theme, plot, and characterization.

ENGLISH II A & B

REQUIRED FOR ALL SOPHOMORES

Sophomore English covers literary selections from a variety of English and American authors. Emphasis is placed on "The Tragedy of Julius Caesar", poetry-form and technique, mythology, essay, biography, and the novel. Students perfect writing skills with emphasis on clauses, phrases, punctuation, and spelling. Vocabulary is developed as it applies to literature and writing. The importance of correct grammar usage is both the written and spoken word is emphasized throughout the course.

ENGLISH III A & B

REQUIRED FOR ALL JUNIORS

This course is a study of the development of the American character through a chronological examination of the major authors, selections, and periods of American literature. The study of literature will include critical analysis of literary elements and development of higher-level analysis and thinking skills. The class also covers continued development of writing skills with an emphasis on persuasive writing skills. The process of writing a research paper, use of technology, and proper MLA format will be a primary focus.

ENGLISH IV A & B

REQUIRED FOR ALL SENIORS UNLESS ENROLLED IN HON ENGLISH

English IV is a senior level course designed for both college and workforce bound students. The curriculum has three components: the development of reading, writing, and critical thinking skills which can ultimately be applied to the collegiate or workplace areas. Applied English is a theme-based course, relevant to students' lives and goals and designed so that students proceed from concrete (communication skills) levels to abstract (analysis and criticism of literature) levels. Specifically, the course will center on form writing, business writing, and the development of notebooks, as well as focusing on speaking and listening skills and including research and information location activities.

DC/HONORS ENGLISH IV A & B

PRE-REQUISITES: SENIORS WITH 3.0 GPA IN PRIOR ENGLISH COURSES AND PLANS FOR COLLEGE ENROLLMENT. DUAL CREDIT.

Honors English is a fitting complement to a curriculum conscientious of the skills of composition and the understanding of literature. Secondary language arts in the Grangeville district attempts to group students homogeneously according to their proficiency and their motivation. The "honors" course is designed to develop writing and reading skills necessary for college matriculation and offers students an experience equivalent to lower division collegiate composition and literature.

SPEECH – FALL OR SPRING

REQUIRED FOR ALL SOPHOMORES

Speech requires students to give oral presentations in front of their class. Time is spent building self-esteem and overcoming stage fright. Students speak to inform, to persuade, to promote social cohesion, and to tell stories. Parliamentary procedure is also emphasized. This is a participation class, and attendance is extremely important.

MATH

BASIC ALGEBRA I A & B

PRE-REQUISITE: FRESHMAN STATUS. TEACHER RECOMMENATION

This course is an introduction to algebra with emphasis on concrete examples. Topics include number properties, algebraic expressions, the coordinate system, linear equations, and inequalities. No calculators with fraction buttons are allowed.

ALGEBRA I A & B

This course is designed to fulfill the needs of both the college bound student and the student interested in fulfilling only their graduation requirement for math. This course covers all the basic concepts of Algebra I including variables, exponents, equations, inequalities, coordinate graphs, basic quadratics, and the real world application of these topics.

GEOMETRY A & B

PRE-REQUISITE: PASSED BOTH SEMESTERS OF ALGEBRA I

In this class we will cover elements of geometry, the basic components: angles and perpendicular lines, measures and theorems, parallel lines and planes. Using polygons, proof of theorems, congruent triangles, application of congruent triangles, using parallelograms and trigonometry, circles, areas and volumes of polygons, circles and solids; constructions using compass, straight edge, and protractor; coordinate geometry; and a review of algebra essentials throughout the year. A scientific calculator is needed for this class.

ALGEBRA II A & B

PRE-REQUISITE: PASSED BOTH SEMESTERS OF GEOMETRY

This class is designed for the college bound or technical bound student. It is a vigorous course, which covers equations of the n th degree, inequalities, functions, matrices, polynomials, complex numbers, conic sections, logarithms, and basic trigonometry.

PRE-CALCULUS A & B

PRE-REQUISITE: PASSED BOTH SEMESTERS OF ALGEBRA II

This class is designed to prepare one for taking calculus in college. Topics that will be covered: a review of the number system, relations, and functions with complex numbers; polar coordinates and graphing; circular functions; trigonometry; applied trigonometry; sequences, series, and limits, algebraic functions and their graphs; probability; and an introduction to calculus with derivatives and integrals.

INTRO TO STATISTICS (MAKING MATH FUN & RELEVANT) A & B

PRE-REQUISITE: JUNIOR STANDING; PASSED BOTH SEMESTERS OF GEOMETRY

Statistics isn't just about data analysis or numbers; it is about understanding the world around us. And because the opportunities in statistics are so diverse, you can apply your knowledge to nearly any area you're passionate about. In this class we will be working with data that is relevant to students. Whether it is from sports, science labs, populations of wildlife, or current events, we will use hands-on activities to collect much of the data and learn how to use statistics to analyze and evaluate real world situations.

CALCULUS A & B

PRE-REQUISITE: PASSED BOTH SEMESTERS OF PRE-CALCULUS

This course will review graphs and rates of change. Also, limits, continuity, derivatives, implicit differentiation, extrema, second derivatives, optimization problems; antiderivatives and integration, fundamental theorem of calculus; logarithmic, exponential and inverse trigonometric functions differentiation and integration; differential equation, and application of integration.

PERSONAL FINANCE A & B

PRE-REQUISITE: SENIOR STANDING ONLY

This course will cover education, careers, earnings, banking, checking, credit cards, savings, investments, taxes, insurance, loans and miscellaneous math concepts.

SCIENCE

PHYSICAL SCI A & B

Physical Science provides an introduction into modern chemistry and physics. A minimum of Pre-Algebra is required. Students will be instructed in modern theories about matter and energy. They will conduct procedures that illustrate basic principles. Lab notebook required.

BIOLOGY I A & B

PRE-REQUISITES: SOPHOMORES WHO HAVE PASSED PHYSICAL SCIENCE.

The course includes the coverage of lab safety, chemistry, biochemistry, cellular structures and their functions, genetics, evolution and taxonomy. This course will have fewer labs than Honors Biology. Lab notebook required.

HONORS BIOLOGY I A & B

PRE-REQUISITES: SOPHOMORES WHO HAVE PASSED ONE FULL YEAR OF PHYSICAL SCIENCE WITH A B+ OR BETTER AVERAGE

This course begins with an introduction to the cellular processes that take place in the living world. The course includes coverage of the history of Biology, cellular structures, genetics, taxonomy, evolution and the chemistry of life. Lab notebook required.

PHYSICS A & B

PRE-REQUISITE: CONCURRENT ENROLLMENT IN PRE-CALCULUS OR BETTER; APPROVAL BY PHYSICS TEACHER

This is a college path course which helps prepare students for college physics. Although there are a number of labs designed to illustrate aspects of energy and behavior, much of the class is based on mathematical computations. A lab notebook is required.

CHEMISTRY A & B

PRE-REQUISITES: JUNIORS WHO HAVE A 'C' OR BETTER IN ONE FULL YEAR OF HONORS BIOLOGY I; CONCURRENT ENROLLMENT IN ALGEBRA II.

This is an upper level science class designed to prepare students for college level science courses. Chemistry introduces students to a modern view of matter and the interactions between different types of matter. Students will learn computational and laboratory methods of solving chemical reactions. Lab notebook required.

PHYSIOLOGY A & B

PRE-REQUISITES: SENIORS WHO HAVE A 'B' OR BETTER AVERAGE IN HONORS PHYSICAL SCIENCE, HONORS BIOLOGY I, AND BIOLOGY II OR APPROVAL BY THE PHYSIOLOGY TEACHER.

This is an advanced class. It is recommended for students who wish to enter a health industry related field. The course will provide a basic understanding and working knowledge of the parts of the human body. The following topics will be covered: the organization and maintenance of the human body, principles of support and movement, and control systems. Several major projects are required. Lab notebook required.

ADVANCED INTEGRATED SCIENCE A & B

PRE-REQUISITE: TEACHER PERMISSION

Advanced integrated science is a research class. Each student will choose a project that they will work on during the first semester and part of the second semester. This project will be entered in the North Idaho State Science Fair. Students need to be able to work independently and problem solve. The remainder of the second semester will be spent doing additional research and problem solving.

SOCIAL STUDIES

EARLY AMERICAN HISTORY A & B

REQUIRED FOR SOPHOMORES

This class is a review of the early American History so as to prepare students for U.S. History as Juniors. The class will trace the development of the United States from its earliest beginnings through the Reconstruction Period. This study will entail those forces and movements in America that have made us what we are today.

U.S. HISTORY A & B

REQUIRED FOR JUNIORS

U.S. History is a year long study of the history of the United States from the civil war era to the present time. We hope to provide an understanding of the major events and periods of our nation's past to help us to prepare for our future.

GOVERNMENT A & B
REQUIRED FOR SENIORS

American Government is a full year study of the structures, processes, and issues of national, state, and local government. The course gives emphasis to the responsibilities and rights of citizenship, the skills necessary for critical thinking and the knowledge appropriate for wise decision-making. National government is the focus of the first semester. State and local governments are stressed during the second semester.

ECONOMICS – FALL OR SPRING
REQUIRED FOR SENIORS

Consumer Economics is a study of personal economics and its effect not only on the individual but on the nation. The first nine weeks of the course deals with the American Economic System and the marketing system. The second nine weeks of the course is designed to give the students a basic understanding on insurance, banking, housing, loans, credit and budgets.

HUMANITIES

SPANISH I A & B

This course is an introduction to the Spanish language and culture. Students will speak, read, write, and listen to Spanish. Introductory grammar, vocabulary and culture are emphasized.

SPANISH II A & B

PRE-REQUISITE: SPANISH I; GRADE 10-12

Spanish II continues the basic study of the Spanish language and expands the scope of material already studied. Students develop proficiency in the language with authentic reading and by engaging in creative writing and speaking activities. This course also includes a more detailed examination of Hispanic culture.

CHOIR A & B

Non-audition, performance group, participation required in calendared concerts, and District Festivals. All styles of music performed.

VARSITY BLUE A & B

PRE-REQUISITE: PERMISSION OF INSTRUCTOR

Audition performance group, participation required in calendared concerts, and District Festivals. All styles of music performed.

HISTORY OF ROCK AND ROLL A – FALL ONLY

This course covers the period of history in music from the early 1950's to present. You need not be musically inclined or ever even taken a music class prior to this course.

GUITAR A – SPRING ONLY

STUDENT MUST HAVE OWN WORKING GUITAR.

Students will learn single notes and chords, as well as numerous strum and picking patterns. Music notation and rhythm will be learned both through practice as well as computer software. Composing and arranging are options for advancing students as well as exposure to bass guitar. Performance is at the discretion of the class and instructor.

BAND A & B

PRE-REQUISITE: PRIOR BAND EXPERIENCE; COSTS: A RENTAL FEE MAY BE CHARGED IF SCHOOL INSTRUMENTS ARE USED, INCLUDING PERCUSSION.

Open enrollment if pre-requisite is met. Performance group with participation required in calendared concerts, and District and Jazz Festivals. Pep Band may be used to meet practice requirement.

ART APPREC I A & B; ART APPREC II A & B

1. Art History units—starting with ancient through modern.
2. Studio Problems—different media used. Each student should reach a degree of proficiency in each media used. Possible media are pencil, charcoal, pastels, collages, and pen & ink.

PRE-STUDIO ART A & B

PRE-REQUISITES: STUDENTS MUST COMPLETE ART I AND II AND **MUST BE PLACED PRE-STUDIO BY INSTRUCTOR**

Students who are placed in pre-studio are given a different media each quarter in which they work. The student will have the entire quarter to develop an understanding and usage of the chosen media. Media can include: watercolor, oil pastels, chalk pastels, charcoal, colored pencils, watercolor pencils.

STUDIO ART A & B

PRE-REQUISITE: **APPROVAL OF THE ART TEACHER**

Students will be required to work in one media per quarter. They will also be required to write one paper per quarter on an artist or a style. Media can include: watercolor, pencil, colored pencils, oil paints, watercolor pencils, oil pastels, and chalk pastels.

FILM ANALYSIS A – FALL OR SPRING

Do you like to watch and talk about movies? Are you interested in learning movie terminology, understanding the evolution of movies through time, and writing/directing your own short film? If you answered yes, this course is for you.

DRAMA – FALL AND/OR SPRING

Drama includes an overview of theatre history but is primarily performance-based. Students will explore body movement and basic methods of acting with a focus on character development. Concepts studied include: physical destination, the fourth wall, changes of self, occupation, and endowing objects with reality. Students will apply these concepts to assigned solo, duo, and group scenes, which will be rehearsed and performed throughout each semester of the course.

WORLD MYTHOLOGY - FALL OR SPRING

The course will include Greek gods and goddess but also includes Native American and other cultures' legends and myths. You will be expected to read and discuss the stories in class. Most of the class is centered around discussion of these stories. You will create a final project, but there will not be homework or major essays. You will be required to keep a "reading/discussion" journal to be completed in class.

PHYSICAL EDUCATION

HEALTH – FALL OR SPRING **REQUIRED FOR SOPHOMORES**

The course consists of the study of personal hygiene, mental and social health, nutrition, and human sexuality. The class will also deal with substance use and abuse and the harmful effects of those substances on the body.

PE A & B

This class will give students an opportunity for team activities such as soccer, softball, football, basketball, volleyball, etc. As well as some weight training and dual activities. Written and physical tests will be required.

WT TRAINING A & B

The class will emphasize the importance of lifting weights with proper techniques so as to strengthen the body. Along with lifting weights, the class will also have some individual and team activities, and physical and written tests.

LIFETIME SPORTS A – SPRING ONLY

PRE-REQUISITE: SOPHOMORES STANDING OR ABOVE

This will introduce students to physical and recreational activities that they can participate in throughout their lives. Activities may include: golfing, ice skating, skiing, dance, tennis, trap-shooting, Frisbee golf, bowling, racquetball, badminton, horseshoes and ping-pong.

FUNDAMENTALS FOR HEALTH PROFESSIONS INTERNET COURSE

PRE-REQUISITE: SOPHOMORE STANDING

This self-instructed, self-paced class will introduce students to over 100 health careers. In addition, it presents the fundamental knowledge that is common to all health professions, including: anatomy and physiology, medical terminology, infection control, safety, and legal and ethical responsibilities. Completion of this course qualifies students to take the certified nursing assistant's (CNA) course.

MEDICAL TERMINOLOGY

PRE-REQUISITE: COMPLETION OF FUNDAMENTALS FOR HEALTH PROFESSIONS I & II WITH 80% OR BETTER; SOPHOMORE STANDING.

This self-instructed, self-paced computer-assisted class provides methods to learn spelling, pronunciation and terminology unique to the medical environment and specific to each of the body systems. This course earns two high school credits and four college credits.

C.N.A. (CERTIFIED NURSING ASSISTANT) – SPRING ONLY

PRE-REQUISITE: COMPLETION OF FUND. FOR HEALTH PROFESSIONS I & II WITH 80% OR BETTER; MEDICAL TERM. AND JUNIOR STANDING.

This course focuses on learning roles, responsibilities and skills of a certified nursing assistant (C.N.A.). The course includes 80 hours of class and skills practice and 40 hours of clinical experience in a health care facility. Students are eligible to take the C.N.A. exam upon completion of the course. This course earns two high school credits and two college credits.

BUSINESS

BUSINESS COMPUTER APPLICATIONS A & B

Business Computers is a two semester course designed to acquaint the students with the basic skills related to word-processing, spreadsheets, digital presentations, and databases (Microsoft Office 2016). Students will learn how to use Microsoft Word, Excel, Power Point and Access. Microsoft Office User Specialist certification may be available.

BUSINESS COMPUTER APPLICATIONS III (Advanced Business Computers)

A course designed to build on the skills and knowledge established in Business Computer Applications I & II. Emphasis is put on the integration of productivity applications for data management, data analysis, and information presentation. The course includes an opportunity to earn the Microsoft Office Expert/Master Certification. 5 Dual Credits are available.

WEB PAGE DESIGN – SPRING ONLY

PRE-REQUISITE: BUSINESS COMPUTER APPLICATIONS

One semester course that covers creation and publishing Web pages using Adobe Dreamweaver. Students will learn HTML 5 coding along with basic design principles of websites.

MULTI-MEDIA A – FALL OR SPRING

Multimedia is a one semester course designed to provide students with the basic understanding of videotaping and digital photography. Students will learn to capture video to the computer using Adobe Premiere Pro. The captured video will then be used to create a project timeline integrating captured video clips, audio, transitions and effects. The final project will be exported to a DVD that can be viewed on a computer or Television. The course includes learning proper use of digital video equipment, techniques, and software. Students will be exposed to a variety of software programs including Photoshop and Premiere Pro. The class consists of lectures and individual, group, and school projects. The majority of the time spent in class is via hands on work with the video equipment – (Digital Video and still Camera, GoPro, Drone) and the computer. Projects include commercials, short films, personal video, and a school activity highlight video.

PUBLISHING 1 – FALL OR SPRING

Publishing is a course designed to cover the planning, designing and development of business and promotional documents. They will combine text, graphics and design concepts to communicate. Incorporating Publishing and Photoshop software to create professional layouts and documents.

PUBLISHING 2 – FALL OR SPRING

PRE-REQUISITE: PUBLISHING 1

Designed to build on skills learned in Publishing 1. Incorporating digital photography, camera use, and photo manipulation with Photoshop. Page layout and design to create the yearbook.

BUSINESS LAW I & II – FALL AND SPRING

Business Law is a one-semester course designed to provide students with an overview of civil and criminal law. The course includes topics related to ethics and the law, crimes, torts, the court system, contracts, Consumer Law, buying products, marriage, and renting or buying a home. The class consists of lectures, individual and group-projects, newspaper articles, movies, short stories, plays, mock-trials, and a field trip to the county courthouse. Dual credit may be available.

ACCOUNTING I – FALL ONLY

This class will provide a basic understanding of planning, recording, analyzing and interpreting financial information. Student will complete financial statements which summarize reports of a business, gaining knowledge in a general accounting terminology and equations.

GRAPHICS (SOLIDWORKS) – FALL OR SPRING

PRE-REQUISITE: PERMISSION OF INSTRUCTOR

SolidWorks is a software design tool that allows students to produce virtual 3D models, show how they work with an assembly of parts, and put the model into animation. SolidWorks is the leading 3D computer aided drafting (CAD) solid modeling software used in manufacturing and design. It is used to draw, design, and evaluate parts which then can be machined out on a CNC machine or 3-D printer. This class is intended to help users learn the basic concepts of SolidWorks and good solid modeling techniques. It will be a great starting point for those new to SolidWorks to become familiar with the software's interface, basic commands and strategies as the user completes a series of models while learning different ways to accomplish a particular task.

BUSINESS MANAGEMENT - FALL OR SPRING

SOPHOMORE STANDING

Business Management is a course designed to introduce students to essential business and marketing competencies required for business operations. Units of instruction include general business and management principles, leadership, salesmanship, marketing/entrepreneurship, public speaking, and the use of accounting information for making business decisions.

BUSINESS ADMINISTRATION – SPRING ONLY STARTING 2021- CAPSTONE:

PRE-REQUISITE: BUSINESS COMPUTER APPLICATIONS AND BUSINESS LAW OR BUSINESS MANAGEMENT

A course designed to provide students project-based application of essential business and marketing competencies. The course demonstrates proficiency in the following areas: leadership, accounting principles, technology, salesmanship, marketing/entrepreneurship, general business principles, business law, human relations skills, public speaking,

business communications, keyboarding skill development, computer applications, career awareness, and job seeking skills.

AGRICULTURAL

THE PROJECTS BUILT BY THE STUDENTS WILL BE AT THE STUDENTS' EXPENSE.

INTRO TO AGRICULTURE I – FALL

PRE-REQUISITE: NONE. FRESHMEN STANDING-SOPHOMORES WITH PERMISSION.

In this course, students will learn about plant science by designing and creating a variety of terrariums. Students will learn woodworking, proper tool use and identification, and basic fabrication skills by designing and building cutting boards. They will also focus on personal and leadership development and basics of agricultural education. Student-driven, experiential learning projects will also be heavily emphasized.

INTRO TO AGRICULTURE II – SPRING

PRE-REQUISITE: AG I

This course will introduce students to the metal and wood learning labs. Shop safety will be taught and students will learn how to operate most of the equipment and tools in the shops and will demonstrate their skills through hands-on assignments. Equipment used includes: hand tools, small power tools, drill press, bench grinder, shop saw, oxy-acetylene cutting torch, plasma cutter, brake, sheer, and others.

AG WELDING – FALL OR SPRING

PRE-REQUISITE: MUST HAVE PASSED AG I AND II WITH 70% OR HIGHER

Students will learn to read and interpret plans as well as practice welding. The basics of arc and oxy-acetylene welding will be covered, with emphasis placed on Metal Inert Gas (MIG) and Tungsten Inert Gas (TIG) welding. Students will also learn to identify different materials and understand their properties. Student-driven, experiential learning projects will also be heavily emphasized.

AG POWER TECHNOLOGY – FALL OR SPRING

PRE-REQUISITE: MUST HAVE PASSED AG I AND II WITH 70% OR HIGHER

The class will use practical problem-solving skills to troubleshoot and engineer solutions for small gas engines, electrical motors, electrical controls and sensing devices, and hydraulics. Students will build confidence in their mechanical abilities and critical thinking. Student-driven, experiential learning projects will also be heavily emphasized.

ADVANCED POWER SYSTEMS & FABRICATION – FALL OR SPRING

PRE-REQUISITE: INSTRUCTOR PERMISSION ONLY

This self-directed course will allow students to design and complete their own projects. Students will also have the opportunity to apprentice with local professionals to further develop specific skills and knowledge. Student-driven, experiential learning projects will also be heavily emphasized.

FORESTRY – FALL ONLY

CO/PRE-REQUISITE: SOPHOMORE STANDING

Forestry will be taught as a cooperative course with U of I. Through collaborative field labs with UI professors and students, students will learn about fire ecology, forest management practices, and practical forestry skills. Hands-on experiences will include developing skills in timber cruising, log scaling, species identification, and orienteering. Student-driven, experiential learning projects will also be heavily emphasized.

BOTANY/PLANT SCIENCE – SPRING ONLY

CO/PRE-REQUISITE: SOPHOMORE STANDING.

Botany will teach students skills in horticulture and agronomy. Horticulture skills will be learned and applied in the greenhouse, where students will also learn business management and decision making. Idaho plant identification (crops, natives, and weeds) will also be practiced and applied. Students will also learn landscape management and design. Student-driven, experiential learning projects will also be heavily emphasized.

FISH & WILDLIFE SCIENCE – FALL ONLY

CO/PRE-REQUISITE: SOPHOMORE STANDING

Fish & Wildlife science will teach wildlife classification and identification of Idaho species. We will examine management practices and issues that influence wildlife policy. Students will learn to evaluate habitat quality and participate in a restoration project. We will also learn about using entomological science to evaluate stream health and apply that knowledge by learning to fly fish. Students will have the opportunity to build their own fly rod. Student-driven, experiential learning projects will also be heavily emphasized.

ZOOLOGY/APPLIED ANIMAL SCIENCE A & B

CO/PRE-REQUISITE: SOPHOMORE STANDING

Students in Zoology will learn animal anatomy and physiology and how it can be practically applied in the real world. Areas of study will include skeletal and muscular anatomy, genetics and reproduction, digestion and nutrition, and disease and veterinary care. Student-driven, experiential learning projects will also be heavily emphasized.

ADVANCED LEADERSHIP

PRE-REQUISITE: INSTRUCTOR PERMISSION ONLY

For upperclassmen in student organization leadership positions. Student-drive, experiential learning projects will also be heavily emphasized.

PERSONAL SKILLS DEVELOPMENT

PRE-REQUISITE: INSTRUCTOR PERMISSION ONLY

Available to any student with instructor permission. Students will focus on personal development, employment skills, and career success. Student-driven, experiential learning projects will also be heavily emphasized.

FAMILY & CONSUMER SCIENCES

TEEN LIVING A & B

OPEN TO FRESHMEN ONLY

Focus is on the teen as a participating and contributing member of the family, school, and community. The emphasis of this course is to build on skills in the areas of personal development; personal and family goals; decision making; relationships; human and family development; child development and relating wage earning skills; resources management; personal living space, clothing needs and basic sewing skills; nutrition and family meal preparation; career choices and leadership skills.

FOODS I – FALL OR SPRING

PRE-REQUISITE: TEEN LIVING - NO FRESHMEN

A semester length course designed to address nutrition and personal lifestyle. Content emphasis includes food safety and sanitation, food preparation techniques, meal management skills, consumer skills, etiquette, nutrition, health, and career options in nutrition and related fields.

FOODS II – SPRING ONLY

PRE-REQUISITE: FOODS I

A semester length course designed to address factors affecting food and nutrition choices. Content emphasis includes: exploring and preparing cultural and regional foods; experimenting with the role of convenience foods; evaluating the life cycle, health dietary needs and other factors affecting food choices; and examining the nutrient needs and sources for individuals and families.

BAKING AND PASTRY FUNDAMENTALS – SPRING ONLY

PRE-REQUISITE: FOODS I.

This course is an option following Foods I. This course allows culinary students more in-depth study of baking and pastry arts. Areas of study include baking terminology, tool

and equipment use, formula conversions, functions of ingredients, and methods used in creating breads, pastries, cookies, and other desserts. The fundamentals of dough and basic decorating skills are covered. The appropriate use of technology and industry standard equipment is an integral part of this course.

CHILD DEVELOPMENT – FALL ONLY

PRE-REQUISITE: TEEN LIVING RECOMMENDED; NO FRESHMEN

A semester length course to explore parenting skills and choices. Content includes pregnancy stages of prenatal 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 childcare services and explore careers related to young children.

CAREER AND PERSONAL DEVELOPMENT – FALL ONLY

PRE-REQUISITE: SOPHOMORE STATUS OR ABOVE

Focus is on the young adult as an individual preparing for responsibilities related to the workplace. The student will gain self-awareness, career knowledge and personal exploration, employability skills, leadership, and ways to balance family and work responsibilities.

FASHION AND TEXTILES A – FALL ONLY

PRE-REQUISITE: TEEN LIVING

This course reflects on fashion history, exposes students to the science of textiles, and requires students to demonstrate knowledge and skill in various applications of basic design. Students examine the social and psychological aspects of fashion, understanding how acquisition of clothing has changed over time.

HOUSING, INTERIOR DESIGN A – SPRING ONLY

You will learn about the principles and elements of design (color, balance, lines, space, emphasis, etc). Also about past architectural styles that influence homes today (Gothic, Colonial, Romantic, Byzantine, Greek, International, etc). You will create different rooms using the information learned throughout the course. There are a lot of hands on projects in this class.

MISCELLANEOUS & STUDENT AIDES

CHILDREN'S LITERATURE – FALL AND/OR SPRING

This course will cover how to read aloud to children and reading quality children's books. Reading aloud and proper presentation of books to younger students at GEMS as arranged during the second part of the semester.

BOOK CLUB – FALL OR SPRING

If you like to read in your spare time and are interested in a variety of genres, this is the class for you! Together the class will choose books from teacher-selected genres of young adult literature. Students will read and discuss the stories and will be asked to help "host" the discussion at various times.

DEBATE – FALL OR SPRING

Debate introduces students to the foundation of argument in a debate format. Students will exercise their critical thinking skills by writing claims, collecting evidence, and using reasoning tactics. They will examine debate propositions and resolutions to construct arguments on a variety of controversial topics, as well as demonstrate their public speaking skills by participating in formally structured debate activities.

FLY TYING – FALL OR SPRING

PRE-REQUISITE: NONE

Are you interested in fly-fishing or in the art of tying flies? This course will teach you the different types of insects that the flies mimic, how to tie flies that the fish will eat, and what attracts those fish to the flies.

LIBRARY AIDE A & B

PRE-REQUISITES: JUNIOR OR SENIOR; BY PERMISSION OF THE LIBRARIAN

A Library Aide will gain experience that will prepare the student to work as a page in a college or public library. There are a variety of duties that require the aide to be versatile, accurate, willing to accept responsibility, and work independently. Aides will have the opportunity to assist the librarian in the selection of books, magazines, and other materials. Other duties the aide will perform include: filing cards in the card catalog, shelving books/magazines, typing/computers work, organization/maintenance of books, processing new materials, assist students/faculty, and book reports each quarter.

OFFICE AIDE A & B

PRE-REQUISITES: JUNIOR OR SENIOR; BY PERMISSION OF STAFF ONLY

Being an Office Aide for the Principal's office will provide hands-on experience and prepare students to work in an office environment. A variety of duties will require students to be polite with the public, have good phone skills, be organized and willing to do menial office procedures such as filing, telephone answering, and mailings. An aide is expected to maintain unusually high standards of confidentiality and discretion. An aide is also expected to dress and conduct oneself in a professional business manner.

TEACHER AIDE A & B

PRE-REQUISITES: JUNIOR OR SENIOR; BY PERMISSION OF TEACHER ONLY

Hands on experience in the classroom with the teacher. Duties vary according to the discipline and the teacher.

ED CADET A & B

PRE-REQUISITES: JUNIOR OR SENIOR STATUS

Hands on experience at the elementary and junior high schools assisting teachers. Tasks vary according to the discipline of the teacher. Students are expected to provide own transportation to and from the elementary and junior high. Students are subject to all school regulations and policies while at the elementary and junior high. Non-compliance with these policies may result in a failing grade. Grade is dependent upon attendance and the lead teacher's evaluation.