

**HIGHLAND HIGH SCHOOL  
2018-19  
9-12 COURSE HANDBOOK**

The description for each course includes the credit which may be earned, the classes (9-12) to which the course is available, and any pre-requisites (other courses which must be taken first). **New classes are listed in bold print. Classes marked with an asterisk (\*) apply to an Academic Merit Diploma.**

**AGRICULTURE**

Introduction to Agriculture Industry (1/2 credit, grades 9-12)

This entry level course is designed to acquaint students with the many aspects and opportunities in these exciting fields as well as provide instruction experiences in the various units of agriculture production /industry techniques. This course builds the foundation for future training.

Agriculture Science (1/2 credit, grades 9-12)

This class is designed to cover all aspects of animal and plant science. Areas covered include: livestock breeding and genetics, health, nutrition, care and management. It also includes: chemicals, plant growth, and soil composition. This class is designed for students who have successfully completed Introduction to Agriculture.

Ag Leadership (1/2 credit, grades 9-12)

This class is designed to present students the elements and functions of leadership. Students will explore these topics with a goal of developing leadership skills.

Horticulture/Landscaping (1/2 credit, grades 9-12)

One of the most rapid and exciting growth areas in the field of agriculture is the study of horticulture. This course is designed to take students through areas such as the study of ornamental plants as well as planning, designing, and maintaining landscapes and provide a background of experiences for work or furthering their education.

Wildlife and Natural Resource Management (1/2 credit, grades 9-12)

This course is designed to inter relate wildlife and natural resources and the many opportunities each has to offer. Areas of instruction include career opportunities in ecology, fish and wildlife management, water resources, pollution, tree identification, wildlife biologist, nursery management, and many more. Students will be able to apply knowledge learned in class to real-life experiences with hunting, fishing, and trapping.

Advanced Ag Studies (1/2 credit semester/1 credit year, grades 11-12)

Advanced Agricultural Studies is a class where students are able to choose and direct their education. Grades are based on study areas, plans, evaluation, daily journal and daily work. The greatest emphasis is placed on daily work and final project outcome. Students will be responsible for designing their own area of study. Problem solving and critical thinking are two areas that will be emphasized during advanced studies.

**ART**

A course fee will be charged to students enrolled in Art Classes.

Art I (1/2 credit, grades 9-12)

A basic course designed to explore the following study - Academic Drawing, Design & Composition, Relief Prints, Watercolor, Perspective Drawing, Pastels, Art History & Appreciation, and Intro to Sculpture. Emphasis is on the learning process rather than the finished product. (May not be taken the same semester at Art II)

Art II (1/2 credit, grades 9-12, pre-requisite of Art I)

Units of study may include but not limited to drawing, acrylic painting, watercolor, advanced perspective drawing, art history & appreciation, Sculpture, Printing, and Intro to Pottery. Students will use the knowledge and skills obtained in Art I to explore and progress to new units and levels. (May not be taken the same

semester as Art I or Art III)

Art III (1/2 credit, grades 10-12, pre-requisite of Art I, Art II.)

Units of study may include but not limited to creative drawing, advanced acrylic painting, portraiture, sculpture color pencil/charcoal drawing, pastels, and Art History & Appreciation. Students will draw from previous experiences of Art I and Art II to explore each subject area at a more elevated level. (May not be taken the same semester as Art II or Art IV)

Art IV (1/2 credit, grades 10-12, pre-requisite of Art I, Art II, & Art III)

Units of study may include but not limited to creative drawing, advanced painting, advanced sculpture, advanced printmaking, photo drawing, advanced pastels, ink drawing, and Art History & Appreciation. Art IV students are given the opportunity to explore each unit in greater depth and in different directions than previously. Art IV students must have the initiative to keep themselves busy and motivated. (May not be taken the same semester at Art III)

Independent Study in Art (1/2 credit, grades 11-12, pre-requisite of Art IV plus teachers written approval)

An opportunity for the serious, dedicated, and passionate artist to further pursue in great detail, units of personal interest. This course will also incorporate prior knowledge of materials, technique and developed style. Each student must have Teacher's approval. (May not be taken same semester as art IV)

## ENGLISH

English 9 (1 credit, grade 9)

This course emphasizes the basic elements of language arts, including grammar, usage, punctuation, and capitalization. During the year, various literary forms are studied, with units in short story, poetry, non-fiction, and modern drama. In addition, students read the non-fiction Holocaust book, *Night*, Shakespeare's *Romeo and Juliet*, and other pieces of literature that explore classic literary elements and contemporary world issues.

English 10 (1 credit, grade 10)

Students in this class are given a variety of opportunities to develop their reading, writing, thinking, and speaking skills. Students will study units in short stories, drama and poetry, and read Harper Lee's novel *To Kill A Mockingbird* as well as Williams Shakespeare's *A Midsummer Night's Dream*.

English 11 (1 credit, grade 11)

This course focuses primarily on a chronological study of American literature, beginning with the 17th century writings of explorers and pilgrims and ending with the great writers of the 20th century. The classic drama, *The Crucible*, is studied, as well as F. Scott Fitzgerald's novel, *The Great Gatsby*. In conjunction with their literature study, students will hone their writing skills in the areas of descriptive, narrative, persuasive, and expository writing.

English 12 (1 credit, grade 12)

This course focuses primarily on the study of British literature through the Anglo-Saxon era, the English Renaissance era, and the Modern era. Included in the English 12 study of literature are *Beowulf*, *Macbeth*, *The Canterbury Tales*, and Tim O'Brien's classic novel *The Things They Carried*. In addition to the study of literature, students will also improve their writing, grammar, and mechanics skills through weekly exercises.

\*AP English Literature and Composition (1 credit, grade 12)

This course, designed for the high-achieving college-bound English student, engages students in the careful reading and critical analysis of imaginative literature. Through such reading, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Writing as a means of analyzing and responding to the literature is, of course, an integral part of the course. At the end of the year, students take an AP Exam which may result in their earning college credit while still in high school. This course requires summer work.

## FOREIGN LANGUAGE

Spanish I (1 credit grade 9-12)

This course provides the ground work for beginning communication in Spanish. Students learn vocabulary, basic sentence construction and pronunciation in order to speak and write in Spanish. Students also study some aspects of Hispanic culture. Activities include reading, listening, writing, and learning vocabulary and grammar. Students will be encouraged to speak Spanish in class as much as possible.

#### Spanish II (1 credit, grade 10-12 pre-requisite of Spanish I)

This course provides the student with continuing opportunities to gain communicative skills by acquiring more vocabulary and grammar concepts. Emphasis is placed on all four skills: speaking, reading, listening, and writing. Students will also continue to study cultural points of Spanish speaking countries and people.

#### Spanish III (1 credit, grades 11-12 pre-requisite of Spanish I & II)

This course develops more creative communication ability as students strengthen grammar and vocabulary skills. At this intermediate level, students should be able to function in a wider range of everyday situations and social settings. Production of the language is a focus at this level. There is a continued emphasis on the culture of Spanish speaking countries and people.

#### Spanish IV (1 credit, grade 12 pre-requisite of Spanish I, II, & III)

In this course, communicative skills are strengthened towards the goal of more natural, overall proficiency. Students review previously learned grammar and are introduced to new language concepts including advanced grammatical structures and new vocabulary. Students will read a variety of literature and more emphasis is placed on culture and global awareness. The overarching goal of this final year of Spanish is to reach a level of confident fluency in the four essential domains of the language: speaking, listening, reading, and writing.

### **HEALTH EDUCATION**

#### Advanced Health (1/2 credit, grade 10)

A course designed to help students make healthy decisions that will not only affect them on a short term level but also long term. This course will give students information and engage them in hands-on activities that will help them become more health literate, prevent disease, reduce health-related risk behaviors and improve overall health. Topics that will be discussed include alcohol/drugs, nutrition, mental health, healthy relationships, distracted driving and others.

### **MATHEMATICS**

#### Algebra I (1 credit, grades 9-12, If taken in grade 8 - Algebra will receive 1 credit after taking 2 credits of high school math)

Algebra I covers the expansion of the number system from the natural numbers through the irrational number system, the operations of addition and multiplication with the various number systems, and the properties of the number systems. Algebra helps the student organize his thoughts to solve mathematical problems met in everyday life. Skills taught in the course lay groundwork for upper level math and science courses and have practical uses.

#### Algebra II (1 credit, grades 10-12, pre-requisite of Algebra I)

Algebra 2 provides a review and extension of the concepts taught in Algebra 1. Topics covered will include equations and inequalities, coordinates and graphs, general functions, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions of angles and of real numbers, analytic trigonometry, systems of equations and inequalities, sequences and series. Throughout this course, students will develop learning strategies, critical thinking skill, and problem solving techniques to prepare for future math courses and college entrance exams.

#### Geometry (1 credit, grades 9-12, pre-requisite of Algebra I)

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. It also emphasizes writing proofs to solve (prove) properties of geometric figures.

#### Statistics (1/2 credit, grades 11-12, pre-requisite of Algebra I)

This course introduces students to statistical exploration. Basic statistical skills are covered enabling

students to interpret and analyze statistical data. Data collection techniques, probabilities, and standard distributions are used to enhance students' analysis skills with everyday statistics.

#### Applied Mathematics (1/2 credit, grades 11-12)

This class is similar to the applied mathematics course offered at technical colleges. It includes review of basic mathematics with applications from business, trade, agricultural, mechanics, child care, etc. Successful completion of this course allows students the opportunity to test out of the same course at technical colleges in the state of Wisconsin.

#### Pre-Calculus (1 credit, grade 11 -12, pre-requisite of Algebra I & II, Plane Geometry)

This is a pre-requisite for Advanced Placement Calculus. For students who may be leaning towards post-secondary education, pre-calculus and calculus should be chosen. Students will be exposed to more advanced algebra, circular and trigonometric functions, advanced geometry in rectangular and polar coordinates, logarithmic and exponential functions, sequences, series and probability.

#### \*Adv. Placement Calculus (1 credit, grade 12, pre-requisite of Pre-Calculus)

Advanced Placement Calculus is taught as a college-level math course so students wishing to obtain advanced placement at participating colleges may take an exam to earn college credit. Calculus is required mathematics in preparation for many careers, especially engineering, the sciences, and mathematics. Students will apply the concepts of calculus in scenarios related to the real world.

## **MUSIC**

General requirements: Students are subject to normal course content and must take part in all contests, parades, and concerts (in full uniform) scheduled by the instructor.

#### Chorus (1/2 credit per semester, grades 9-12)

This is a course in vocal music that will meet five days per week. Chorus will provide the setting to prepare students for concerts, contests, (including Solo and Ensemble and Honors Choir) and other musical shows. Students will have the opportunity to sing with other chorus members in our conference as well as sing in small ensembles of two or more. There will be the possibility to form a show choir, doing a variety of pop music from a selection of modern music. Chorus gives students a chance to improve their vocal technique for a life long singing experience.

#### Band (1 credit, grades 9-12)

Band is a course in instrumental music performance covering a broad range of musical styles including marching band, concert band, pep band, and small ensembles, with lessons each week. This course meets five days per week for both semesters. Attendance at all performances is required.

#### Jazz Ensemble (1/4 credit, grades 9-12)

Jazz Ensemble is a course in instrumental music performance with an emphasis on reading jazz music, learning jazz techniques, the history of jazz, and improvisation. The jazz ensemble will perform at the holiday, pops, and spring concerts. This course meets once a week from 7:00 a.m. until 7:55 a.m. Attendance at all performances is required.

#### Music Appreciation (1/2 credit, grades 9-12)

In this course students will study basic music notation, major events in music history, the evolution of music, and study important compositions written by various composers. By the end of this course, students will be able to recognize compositions and composers from the Middle Ages and Renaissance to 20<sup>th</sup> Century American Music. This class meets five days per week for one semester.

## **PHYSICAL EDUCATION**

#### Physical Education HIGH SCHOOL (1/2 credit, grades 9-12)

This course will focus on each student creating their own Individual Fitness Plan. The students will create fitness goals for the semester followed with a fitness plan that will help them to meet these goals. Each student will work on his/her individual plan 3-4 days a week while participating in group physical activities 1-2 times per week. Journals will be kept to help the students stay on track with their fitness plan and goals.

## SCIENCE

### Required-Integrated Science (2 credits over two years, grades 9 & 10 Full Year)

#### Physical Science (1 credit over two years, grades 9 & 10 Full Year)

Physical Science is the study of nonliving matter, energy, and the physical properties of the universe. Students will engage in project based learning which includes and are not limited to the following activities: conducting research, developing research papers, building models, oral presentations, peer review, conducting experiments, etc. Development of effective written and oral communication, collaboration, and time management skills are an important part of this course. Some topics that will be covered include: Experimental Design, Newton's Laws of motion, Conservation of momentum, Work, Electricity and Electromagnetism, Energy, Atomic structure and Chemical reactions, as well as various Earth science concepts. Individual and Group work occur throughout this course. Online Portfolio development is required for this course.

#### Biology (1 credit over two years, grades 9 & 10 Full Year)

Biology is the study of life. Students will engage in project based learning which includes but are not limited to the following activities: conducting research, developing research papers, building models, oral presentations, peer review, designing and conducting experiments, etc. Development of effective written and oral communication, collaboration, and time management skills are an important part of this course. Some topics that will be covered include Experimental Design, Cell Biology, Taxonomy, Evolution, Genetics, Ecosystems, Biodiversity, Body Systems, and Populations. Individual and Group work occur throughout this course. Online Portfolio development is required for this course.

#### Botany: (1/2 credit, grades 10-12, prerequisite Of biology, 1 semester)

Botany is the study of plants. This course presents basic concepts of plant biology focusing on plant characteristics, identification, unity and diversity, growth, structures and functions of cells, tissues and organs of flowering plants, and reproduction. Other topics include current ideas in the role of plants in medicine, biotechnology, ecology, conservation, and environmental concerns. Students will be involved with field study and laboratory identification of common plant families, with emphasis on the prairie species that once grew in our area (Prairie Restoration Project). This course does NOT take the place of the required Biology course. However, you can take this class at the same time as your regular Biology course.

#### Zoology: 1/2 credit, grades 10-12, prerequisite of biology, 1 semester)

Zoology is the study of animals. A survey of the animal kingdom (both invertebrates and vertebrates) with a major emphasis placed upon the study of vertebrates. The course will examine and compare the structure and function of animal organ systems as a result of evolutionary adaptations. Other topics include identification, distribution, development of structure related to function, and more. Student dissection of various examples of vertebrates and invertebrates is required. Hands-on and online dissections will be used in this course. This course does NOT take the place of the required Biology course. However, you can take this class at the same time as your regular Biology course.

#### \*Advanced Biology (1 Credit, grades 11 (at Teacher/counselor discretion) 12 Prerequisite of biology and chemistry)

This course is for students who are interested in advanced study of all living things and want to be challenged. It will be the equivalent of a two semester college introductory biology course; therefore, you may earn college credit if you do well on the AP exam. The main topics will include but are not limited to: the chemistry of life, cell processes, DNA and genetics, ecology, evolution, body systems, science as a process, interdependence in nature, etc. You will be expected to design some of your own experiments, carry them out, and prepare a formal lab paper. In addition, one unit will be assigned as summer work and must be completed before the start of the course. Students are required to attend two field trips: Biotechnology Institute (conducting required labs) and Anatomy Lab at UW-Platteville (review of human anatomy).

#### Environmental Science (1 credit, grades 9-12, Full Year)

An Investigation in Environmental Science takes you through four separate units: Amazonia, Arctic, Sprawl, and Urban. Each Unit introduces students to an environmental issue or concern in which they will develop a solution. Each unit contains various hands-on activities and readings that supply the student

with the information they will need in order to complete a successful group project. EcoLogs are required and contain all the pre- and post- activity write-ups plus all the collected data and observations. Group work is mandatory!

#### Physics (1 credit, grades 11-12, Prerequisite of Geometry Full Year)

This course is offered to Juniors and Seniors who earned a 'C' average or better in Geometry and Algebra. Active Physics studies the relationship of matter and energy through hands-on inquiry based activities and mathematical solutions. At the beginning of each unit you are introduced to a Chapter Challenge. Challenges include: Voice Over for a Sports Video, Designing of a Roller Coaster, Developing a Safety Mechanism, Designing a Universal Dwelling, etc. One half of the course time is spent studying Mechanics and the other discusses general topics, such as light, sound, thermodynamics, electricity, and magnetism. PhysLogs are required and contain all the pre- and post- lab write-ups plus all the collected data and observations. Group work is mandatory! (Offered in 13-14)

#### Active Chem I: (1 credit, grades 9-12, No Pre-requisite, Full Year)

This course is the introductory phase of our chemistry line-up. Topics include discussions on the development of the periodic table, characteristics/properties of elemental groups, polymers, writing of chemical formulas, naming chemical compounds given the formula, types of chemical reactions, introduction to organic chemistry, and much more. Active Chemistry shows that chemistry is involved in every aspect of your life - from the way your body works to the things you like to do. This course makes learning chemistry relevant, fun, and exciting. Each unit will present you with a Challenge that will be completed after collecting the necessary information from all the investigations within the unit. Challenges range from creating a Chemistry game, making models, writing stories/movie scripts, creating Special Effects for movie scenes, Crime Scene investigations, etc. ChemLogs are required and contain all the pre- and post- lab write-ups plus all the collected data and observations. Group work is mandatory!

#### Active Chem II: (1 credit, Grades 10-12, Pre-requisite of Chem I, Full year)

This course is the second phase of our chemistry line-up. Topics include discussions on acids/bases, Electrochemistry, Gas Laws, Energy in Chemical Reactions, Reaction rates, Electrostatic forces, and much more. Active Chemistry shows that chemistry is involved in every aspect of your life - from the way your body works to the things you like to do. This course makes learning chemistry relevant, fun, and exciting. Each unit will present you with a Challenge that will be completed after collecting the necessary information from all the investigations within the unit. Challenges range from creating a piece of artwork, designing and building a prototype for a toy company, etc. ChemLogs are required and contain all the pre- and post- lab write-ups plus all the collected data and observations. Group work is mandatory!

#### Anatomy & Physiology (1 credit, grades 11-12 Prerequisite of Biology, Full Year)

This is offered every year and is open to Juniors and Seniors who earned a 'C' average or better in their ILT Science courses. This class covers all the systems of the body, health issues, and much more. This class is recommended for anyone considering a career in the health field. A trip to the Anatomy Labs at UW-Platteville is a required learning experience.

## **SOCIAL STUDIES**

#### U.S. History (1 credit, grade 9)

In this course students will work toward an understanding of the history of the United States from the Civil War to the present through interdisciplinary seminars and/or workshops. A variety of subject area instructors will be available to students to advise them in their learning. Students will engage in project based learning which includes and is not limited to the following activities: conducting research, developing research papers, building models, oral presentations, peer review, creation of original maps, etc. Development of effective written and oral communication, collaboration, and time management skills are an important part of this course. Topic areas include World War I, World War II, The Great Depression Era, the Cold War, and other modern historical issues.

#### Geography (1/2 credit, grade 10)

This course will provide students with an opportunity to study the countries of the world and their cultures through interdisciplinary seminars and/or workshops. A variety of subject area instructors will be available to students to advise them in their learning. Students will engage in project based learning which includes and are not limited to the following activities: conducting research, developing research papers, building models, oral presentations, peer review, creation of original maps, etc. Development of effective written and oral

communication, collaboration, and time management skills are an important part of this course.

#### Economics (1/2 credit, grade 10)

This course offering provides an introduction to the concepts found in microeconomics, macroeconomics, markets, money/banking and economic systems through interdisciplinary seminars and workshops. A variety of subject area instructors will be available to students to advise them in their learning. Students will engage in project based learning which includes and are not limited to the following activities: conducting research, developing research papers, building models, oral presentations, peer review, economic models, etc. Development of effective written and oral communication, collaboration, and time management skills are an important part of this course.

#### Government (1/2 credit, grade 11)

This course focuses on the study of the United States Government, from the Constitution to the present. Other areas covered include Wisconsin state, county, and local governments, as well as, an examination of the 3 branches of American government. Finally, the course is concluded with a special section on our election process and the political party system, including specific examples of how to participate in your political system.

#### Highland and Wisconsin History (1/2 credit, grades 10-12)

This course will cover the history of our home state, county, and local area. Much of the class will be based upon the study of the book Wisconsin - The Story of the Badger State by Norman K. Risjord. A few local field trips may be included in the curriculum.

#### Current Issues (1/2 credit, grades 11-12)

A study of current political, social, and economic issues around the world, focusing on issues in the U.S. Emphasis is placed on the reading and watching of news, and the ability to take part in class discussions of world events. Students will be required to complete a weekly news report and will be expected to take part in two issue-driven debate projects.

#### Psychology (1/2 credit, grades 11-12)

An introduction to the study of why humans think, act and learn the way we do. This course covers the issues of human learning, memory, and problem solving. Emphasis is also placed on emotional and personality development, along with a view of altered states of consciousness and abnormal human behavior.

### **TECHNOLOGY EDUCATION**

A course fee may be charged for students enrolled in Technology classes.

#### Home Maintenance (1/2 credit, grades 9-12)

This is a basic course in everyday living skills to help you become more self-sufficient by learning the basics of home repair. Know what to do if your toilet won't quit running in the middle of the night, or if your furnace quits working on the coldest day of the year, or if you need to repair a hole in your drywall or roof. Learn how to maintain those expensive appliances and equipment yourself so more of your money can be saved for the things you want.

#### Exploring Tech Ed (1/2 credit, grades 9-12)

This course uses short units in CO2 cars, rockets, woodworking, metals, and drafting to explore the many areas of the technical field. The course gives the student an introduction to all course offerings in the Tech Ed program.

#### Introduction to Woods (1/2 credit, grades 9-12)

This is an introductory course to woodworking in which a simple project is constructed. The correct use and purpose of hand tools along with safe work habits in the shop are heavily stressed. Power tools are used on a limited basis if the maturity and ability of the class allow it. During the entire course general information is stressed such as: wood identification, properties of wood, management of wood sources, proper use of woods, wood product industries, how and what kind of wood products to buy, wood finishing, project design, computation of board feet, and the basic techniques of woodworking.

#### Small Engines (1/2 credit, grades 9-12)

In this course we will be studying gasoline engines, their structure, operation and maintenance. The laboratory will be a hands-on experience with students working on individual projects, or small motors. A portion of the course will deal with the importance of auto maintenance and used car purchasing.

#### Welding I (1/2 credit, grades 9-12)

This course covers the basics of arc, gas, M.I.G. and T.I.G. welding, gas brazing, and soldering. Horizontal, vertical, and overhead positions are also covered thoroughly.

#### Welding II (1/2 credit, grades 9-12 pre-requisite of Welding I)

After completing basic position welding, students are assigned practice exercises which are drawn on handouts and given to them. After successful attempts at these exercises, the student may build a project with the instructor's approval. During the entire course much emphasis is placed on the practical application of welding, such as the repair of farm machinery.

#### Independent Study in Technology Education (1/2 credit, grades 11-12, pre-requisite of one class in related field to the independent study and **must have instructor and principal approval along with an accepted written educational plan**)

Independent study will allow a student who has an interest in any technology area to spend an entire semester working in that field. Examples include: Photography, computer-aided design, internal combustion engines, materials testing, woods, metals, drafting, electricity, welding, and energy and more.

### TUTORING

Tutoring (1 credit if daily for a school year; 1/2 credit for a semester, grades 11-12). In this program eligible students will work with students in grades 4K – 12 to provide extra help and a positive learning experience. Tutors will be matched up with students needing extended learning opportunities outside of the classroom and may help with homework in a wide range of subjects. They will meet in a classroom (study hall) under the supervision of a staff member to re-teach topics and help students gain a better understanding of materials.

- \* Student must have a 3.0 G.P.A. the semester prior to tutoring
- \* Student must have an excellent attendance record
- \* Student must enjoy working with students of any age or gender
- \* Student must be totally dependable due to the fact that they will be assisting in the educational experience of fellow students.

- \* The tutor will be allowed to have a study hall of their own in addition to working with another student during that individual's study hall period.

\*\*\*\* Each student can only tutor one period per day per semester

### DISTANT EDUCATION COURSES

Televised courses provide a one-way video presentation and a two-way interactive audio component. Televised courses are subject to scheduling availability.

### HISTORY

#### \*AP U.S. History \_\_\_\_\_ ( 1 credit, grades 11-12)

Following the College Board's

suggested curriculum designed to parallel college-level U.S.

History courses, AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critically problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past.

**Prerequisites:** Grade of B in most recent social studies course; recommend US History 102,103

Length: Year-*Telepresence P*

#### \*AP World History (1 credit grades 11-12)

Following the College Board's suggested curriculum designed to parallel college-level World History.

Students in this course must learn to view history thematically. The AP World History course is organized

around five overarching themes that serve as unifying threads throughout the course, helping students to relate what is particular about each time period or society to a “big picture” of history. The themes also provide a way to organize comparisons and analyze change and continuity over time. Consequently, virtually all study of history in this class will be tied back to these themes by utilizing a “SPICE” acronym. Social--Development and transformation of social structures, Political--State-building, expansion, and conflict, Interaction between humans and the environment, Cultural--Development and interaction of cultures, Economic--Creation, expansion, and interaction of economic systems.

**Prerequisites:** Grade of B in most recent social studies course; recommend World History  
Length: Year-*Telepresence P*

## HUMANITIES

### Psychology (1/2 credit, grades 10,11,12)

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Length: Semester-*Telepresence-P*

### Sociology (1/2 credit, grades 10,11,12)

Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

Course Length: Semester-*Telepresence-P*

## LANGUAGES

### SPANISH II (1 credit, grades 10, 11, 12)

This course provides continued development of audio-lingual proficiency with emphasis on reading, comprehension, conversational, and writing skills. Topics studied include house descriptions, furniture, planning a party, chores, gifts, sports, health, parts of the body, outdoor activities, technology, daily routines, vacation activities, buying souvenirs, and the culture of Spanish speaking countries.

**Prerequisites:** Spanish I/Consent of instructor

Course Length: Semester-*Telepresence-R*

### SPANISH III (1 credit, grades 10, 11, 12)

This course provides continued development of audio-lingual skills towards an intermediate proficiency with emphasis on reading, comprehension, conversational, and writing skills. Topics covered include travelling, places around town, vacation activities, shopping, sporting events, ways to stay healthy, daily routines, parts of the body, personal care items, childhood activities, and the culture of Spanish speaking countries. Second semester will be spent reading, with understanding, a Spanish novel.

**Prerequisites:** Spanish II/Consent of instructor

Course Length: Semester-*Telepresence-R*

### SPANISH IV (1 credit, grades 10, 11, 12)

This course provides continued development of audio-lingual skills towards an intermediate to advanced proficiency with emphasis on reading, comprehension, conversational, and writing skills. Topics covered include characters in a story, events, parts of a legend, ancient and modern civilizations, food, food preparations, ingredients and having meals, restaurant vocabulary, and the culture of Spanish speaking countries. Second semester will be spent reading, with understanding, a Spanish novel. PREREQUISITE:

SPANISH III/CONSENT OF INSTRUCTOR

Course Length: Semester-*Telepresence-R*

### **Spanish V**

Level: 10,11,12

*Telepresence-M*

## BUSINESS EDUCATION

### Introduction to Business (1/2 credit, grades 11-12)

This course is designed as an introductory course for all students interested in learning more about business. Students will be exposed to many different aspects of the world of business. A primary objective of the course is to broaden both the interests and horizons of upperclassmen toward understanding the dynamics of business and business careers. Lectures, readings, presentations by guest speakers, videos, etc. will be utilized to facilitate student's learning. **Students in this course have the opportunity to earn 3 college credits through UW-Oshkosh. For those wishing to take this course for college credit reduced-tuition costs will apply.**

Length: Semester-Telepresence-P

#### Personal Finance (1/2 credit, grades 11-12)

The intent of this personal finance course is to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as savings and investing. Students will design personal and household budgets, utilize checking and savings accounts, gain knowledge in finance, debt, and credit management and evaluate and understand insurance. This course will provide a foundational understanding for making informed personal financial decisions.

Length: Year

#### Accounting (1 credit, grades 10, 11, 12)

Accounting I is a one-year course designed to provide students with a basic understanding of double-entry accounting. The entire accounting cycle for both a service and a merchandising business will be covered in this course. The proprietorship form of business organization and steps in the accounting cycle through the trial balance is emphasized.

Students taking this course prior to their senior year are encouraged to continue their study in Advanced Accounting. This course also provides the students with a basic background to continue their study of accounting or business administration at the postsecondary level.

Prerequisites: General business

Length: Year- Telepresence-R

#### **ARTICULATED/TRANSCRIPTED COURSE (SWTC)**

#### Accounting A-B (1 credit, grades 10, 11, 12)

Accounting is a great course for all students as the basic principles of this course apply not only to business but also to personal finance in everyday life. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Students in this class will also develop a solid base foundation in spreadsheet use as Google spreadsheets are used for most work in this class. Advanced topics include accounting for partnerships and corporations. **Students in this course have the opportunity to earn college credit through SWTC in Fennimore.**

Length: Year-Telepresence-P

### **BUSINESS AND MARKETING EDUCATION**

#### Introduction to Business – (1/2 Credit grades 9-12)

This course is recommended for students who are interested in pursuing a career and/or an education in any business field. It is designed to help the student acquire a more thorough, in-depth knowledge and techniques used in solving business problems. Students will explore economic resources and systems, owning and operating a business, business in a global economy, the role of government in business, money and financial institutions, and marketing and advertising. Students will be encouraged to look at all these structures from a global viewpoint. Emphasis will be on the United States economy as a global entity. Transcribed through SWTC.

#### Personal Finance (1/2 credit, grades 9-12)

This course teaches you the basics of money management, including obtaining and using credit, insurance, taxation, home budgeting, investments, retirement, and purchasing your first car. Personal and business law will also be studied. Upon completion of this class, the student will have the ability to successfully live on their own. This class incorporates discussion, individual, and group projects.

### Introduction to Marketing (1/2 credit grades 10-12, pre-requisite of Intro to Business)

Are you ready to learn about one of the most exciting and competitive businesses in the world? Marketing is a subject that you can relate to and make your own. After all, it is all around us – not just at ballparks and theaters, but at schools, on television and radio, in stores, and on the internet. In this course you will be introduced to the sports, fashion, and entertainment industries, types of products, marketing strategies, and careers in these popular fields.

### Accounting I (1 credit, grades 10-12)

This course provides an understanding of the basic principles of the double-entry bookkeeping system. Topics covered in the course are recording and posting transactions, preparing worksheets and financial statements, preparing payroll and tax data, an introduction to data processing, managing a checking account, and reconciling bank statements. In addition, students will learn to develop the essential business traits of accuracy, neatness, thoroughness, and responsibility. Students will participate in in-class activities, discussion, simulations, and business related article reviews. Students can also receive credit through Southwest Technical College upon successful completion of this class. Transcribed through SWTC.

## **INFORMATION TECHNOLOGY**

### Computer Applications I (1/2 credit, grade 9-10)

Computers are at the heart of everything we do, and every job out there requires some basic technology skills. Become familiar with the Microsoft Office Suite 2010 to give you confidence in your abilities as you continue your education and move into the world of work. Start with Word and create, format, and edit documents including pictures, learn how to format research papers with citations and references, and develop business letters including letterhead and tables. Develop your presentation skills while learning PowerPoint. Create and edit presentations with clip art, enhance presentations with pictures, shapes, WordArt, video, audio, and pictures with effects. While working in Microsoft Office, learn to properly format business information and correspondence such as memos, business letters, faxes, newsletters, and reports. Other programs that may be explored through completing projects include Publisher, Photoshop, Glogster, Wordle, Prezi, Weebly, Movie Maker, Animoto, and Google Docs and Web Page Design. Transcribed through SWTC.

### Digital Media (1/2 credit, grades 9-12, pre-requisite of Computer Applications)

This class will focus on the world-renowned software program, Adobe Photoshop CC. Using the powerful suite of editing tools available, learners will learn to enhance photographs, create layers, blending modes, adjustment layers, extractions and blemish removal. Photography techniques, including green screen photos will be used to make powerful media presentations, such as special effects posters and professional-looking photographs.

### Yearbook Publishing (1 Credit, grades 11-12 pre-requisite of Digital Media)

During this course, students will learn to use publishing software to create professional documents. Students will utilize their CREATIVITY and computer skills to create the Highlander Yearbook. Students are responsible for selling ad space and collecting money from area businesses to help defray the cost of the yearbook. This class can be taken more than once.

## **TECHNOLOGY EDUCATION**

### Introduction to Engineering Design (1 credit, grades 9-12)

Using computer modeling software, student will learn the design process. They will solve design problems as they develop, create, and analyze product models. Students will redesign existing products.

### Introduction to AutoCAD (1/2 credit, grades 9-12) pre-requisite Technical Drawing

The purpose of this course is to provide students with an understanding of the features, limitations, and considerations associated with the operation of a computer-aided design/drafting (CADD) system. Students will gain valuable hands-on experience using the micro-based CADD software, microcomputers, input/-pointing devices such as digitizers and mice, and output devices. The proper use of each hardware component included in the school's system configuration is covered near the beginning of the course. Emphasis is placed on the operation of the CADD software since this is typically the most challenging, especially for new learners. The course presents logical and well-tested, step-by-step instruction about

the CADD commands, mode settings, drawing aids, shortcuts, and other valuable characteristics of CADD software.

### **WORK RELEASE**

Work Release (No credit given, Grade 12) Seniors may be released for one period of the day to go to worksite. It allows students to gain the knowledge and experience needed in the work world.