

Pecatonica High School



Course Description Handbook *2021-2022*

*“Education is the passport to the future,
for tomorrow belongs to those who prepare for it today.”*

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A Message From the Pecatonica School Board

To Students and Parents

The Pecatonica Area School District is dedicated to providing equal educational opportunities for all students. It is the belief of this School Board that every student should have the opportunity to learn to be self-sufficient, self-supporting and self-confident. Therefore, our educational process should encourage learning as a lifelong activity.

- We believe that the purpose of the school is to provide opportunities to obtain the knowledge and skills required to perform effectively in the various roles of a democratic society. We believe that the school shares with the student, home, and community the responsibility for his/her intellectual, physical, emotional, social and vocational development.
- We believe that education is an active, continuous process that involves the acquisition of knowledge, skills, and attitude.
- We believe that every student should be provided a core of general education that would assure basic competencies needed to successfully function in society, as well as broader elective experiences that could satisfy individual interests. Since students vary in ability, aptitude and motivation, the school should provide a varied and adaptable educational program.

The Pecatonica Area School District strives to establish a climate of educational excellence that will provide the challenges and stimuli students need as they seek self-fulfillment, and realization that school life is only the beginning of a never-ending process of individual growth and learning.

This handbook of course offerings is designed to help students plan their high school coursework. With many studies suggesting that the majority of career choices are based on personal interest satisfaction, we are confident that with family input and school guidance our graduates can be prepared to compete in an ever changing world. Whether their futures hold on-the-job training, an apprenticeship, technical college preparation, or a four year college degree, this booklet can be useful for all students as they choose a sequence of courses leading toward accomplishing identified academic and career goals.

REGISTRATION PROCESS

1. Prior to the start of high school, freshmen, and their families will meet with staff to develop a four-year plan. This plan will be revisited yearly.
2. All students will discuss with their parents the course booklet and registration forms. Parents will receive registration information via e-mail and hard copies sent home with students.
3. Students will rank the order of their course selections on the registration form. Students will share this form with their parents.
4. Individual planning sessions will be conducted with students and/or parents on an as needed basis. Contact the school counselor.
5. Course selections will be scheduled for students based on the rank order unless:
 - a. course is filled
 - b. scheduling conflicts exist with other courses students have selected
 - c. enrollment in any given course is too small for the course to be offered.
6. Based on safety issues, availability of lab space, equipment requirements, etc., enrollment in some courses may be limited.

Pecatonica Area School District Non-Discriminatory Statement

The Pecatonica District does not discriminate against pupils on the basis of sex, race, color, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its education programs or activities.

CHANGING A SCHEDULE

Pecatonica High School does not grant schedule changes unless the request is done properly. Any student wishing to request a schedule change must do so by the end of the 5th school day of the semester and by completing the form available in the Guidance Office. The form must be completed, contain all necessary signatures and returned to the Guidance Office. Forms will be reviewed by the school counselors and administration. Your school counselor will contact you shortly thereafter to let you know the outcome of your request.

GRADUATION REQUIREMENTS 345.6

Class of 2011 and Beyond

Subject Credits

English 4.0

Math 3.0

Science 3.0

Social Studies 3.0

Additional credit

from English, Math,

Science or Social Studies 1.0

Physical Education 1.5

Health 0.5

Personal Finance 0.5

Electives 9.0

Total Graduation Credits 25.5

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REVISED: March, 2016

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ENGLISH

4 Credits Required

01001 English/Language Arts I (9th grade) 1.0 Credit English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

Length: Year Level: 9

01051 English 10/American Literature (10th grade) 1.0 Credit English/American Literature courses are designed for sophomores and typically introduce them to two or more genres of literature (novel, short story, poetry, and so on) focusing on American authors. Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.

Length: Year Level: 10

01056 English 11/British Literature (11th grade) 1.0 Credit The first semester of English 11 is a Writers Workshop where students continue to develop writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to master the techniques of writing narratives and argumentative papers. During the second semester, British Literature provides a survey of British literature or may focus on a selected time frame of England's history. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required. **Length: Year** Level: 11

01058 English 12 (12th grade) 1.0 Credit The first semester of English 12 consists of a survey of literature from modern times from countries around the world. Students improve their critical-thinking skills as they comprehend the diversity of literary traditions and the influences of those traditions. Oral discussion is an integral part of literature courses, and written compositions are often required. The second semester focuses on career-based writing, and students will walk away from the course with a functional resume and job interviewing experience. Finally, students will complete a capstone project that reflects a personal interest or area of study culminating in a TED Talk-style presentation.

Length: Year Level: 12

01006 AP English Literature and Composition 1.0 Credit Following the College Board's suggested curriculum, this course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the way writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller scale-elements as the use of figurative language, imagery, symbolism and tone. Prerequisites: B or better in English 11 **Length:**

Year Level: 12

MATHEMATICS

3 Credits Required

Three years of mathematics are required for graduation from Pecatonica High School. Algebra I, Geometry, and Algebra II are required for admission to almost all four year colleges and universities. For students planning to attend a technical college, each program major has different math proficiency requirements or minimum high school math recommendations. Students should select a math sequence consistent with their vocational needs and ambitions.

For students to take AP Calculus as seniors, they would need to take Algebra 1 in 8th grade.

Pre- Algebra

Pre-Algebra course is an introduction and review of algebra concepts and a review of arithmetic algorithms. The course emphasizes the concepts necessary to be successful in Algebra I and II. The course helps students develop good mathematical study skills and learning strategies.

Length: Year Level: 9

02052 Algebra I 1.0 Credit Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Prerequisite: Math 8/Pre-Algebra

Length: Year Level: 8-12

02072 Geometry 1.0 Credit Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

Prerequisites: Algebra 1

Length: Year Level: 9-12

02056 Algebra II 1.0 Credit Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

Pre-requisites: Algebra 1 and Geometry

Length: Year Level: 10-12

02110 Pre-Calculus 1.0 Credit Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; matrices; and limits and continuity. **Prerequisites:** Algebra II
Length: Year Level: 11-12

02153 Technical College Math 0.5 Credit Occupationally Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills primarily in occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations. *Students in this course have the opportunity to earn college credit through SWTC in Fennimore.*
Length: Semester Level: 12

Intro to Statistics and Probability 0.5 Credit Statistics is about learning from data and the role that variability plays in drawing conclusions from data. This course includes counting methods (permutations, combinations), probability, binomial probability, expected value, numerical and graphical representations of statistics, and an introduction to inferential statistics. This course is suggested following Technical College Math.
Length: Semester Level: 12

02124 AP Calculus AB 1.0 Credit Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems); and integral calculus (including antiderivatives and the definite integral).
Pre-requisites: C or better in Pre-Calculus
Length: Year Level: 12

SCIENCE

3 Credits Required

03001 Earth and Physical Science 1.0 Credit Earth and Physical Science offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the history and forces acting on the earth, the course also explores kinematics, dynamics, oceanography, geology, astronomy, meteorology, an introduction to chemistry, and heat & energy.

Length: Year Level: 9

03003 Environmental Science 1.0 Credit Environmental Science examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, students explore the following subjects: photosynthesis, recycling and regeneration, ecosystems, populations, pollution, and conservation of natural resources.

Prerequisite: Biology

Length: Year Level: 10-12

03051 Biology 1.0 Credit Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Length: Year Level: 9-10

03053 Anatomy and Physiology 1.0 Credit Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

Prerequisite: Biology

Length: Year Level: 10-12

03056 AP Biology 1.0 Credit Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments.

Prerequisites: B or better in Biology 03051 and Anatomy/Physiology or Zoology recommended but not required

Length: Year Level: 11-12

Botany .5 Credit Botany and Horticulture is a lab-lecture oriented class that provides an introduction to the classification, relationships, structure and function of plants. Students will also investigate topics such as economic botany, plant evolution and genetics, growing in a controlled environment, plant morphology, propagation techniques, pest identification and management, and careers in the botany and horticulture field. An emphasis on the interdependence between humans and plants will be made as the class progresses. Food labs will be conducted at various times throughout the year to introduce students to new fruits and vegetables as well as variations of familiar ones. Supplemental course materials include graphs, charts, models, videos, maps, dichotomous keys, field guides, and additional activities that increase growth in scientific literacy.

Prerequisite: Biology Level:10-12 This class is a prerequisite to Agronomy

19254 Food Science 0.5 Credit This class is a semester long course that provides an in depth look into the fundamental biological, chemical and physical scientific principles associated with the study of foods. Topics include food composition and nutrition, food additives and regulations, food safety and toxicology, food processing, food engineering, food biotechnology, microbiology, product development and sensory evaluation. A combination of lecture and laboratory instruction will be used. There will be a strong emphasis on the relationship between food and the human body, particularly in the area of nutrition. **Length: Semester** Level: 10-12

03061 Zoology 1.0 Credit Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities. **Prerequisite:** Biology

Length: Year Level: 11-12

03101 Chemistry 1.0 Credit Chemistry is the study of the composition, properties, and reactions of substances. The course explores atomic structure, electron behavior and configuration, solids, liquids, and gases, and chemical bonds; acid/base and oxidation/reduction reactions, chemical formulas and equations, thermodynamics, and nuclear reactions are also studied.

Prerequisite: Algebra II or current enrollment in Algebra II

Length: Year Level: 10-12

03151 Physics 1.0 Credit Physics is the study of classical mechanics and dynamics, properties of waves, and electricity and magnetism. The course explores 1- and 2-dimensional kinematics, conservation of energy and momentum, circular motion, the universal law of gravitation, fluid dynamics, waves and vibrations, sound and optics, electricity & magnetism, thermodynamics, and nuclear fusion & fission.

Prerequisite: Algebra II or current enrollment in Algebra II

Length: Year Level: 11-12

AP Physics 1.0 Credit Adhering to the curricula recommended by the College Board and designed to parallel college level introductory Physics courses, AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. AP Physics courses include college-level laboratory experiments. **Prerequisites:** Algebra II or current enrollment in Algebra II

Length: Year Level: 10-12

Biology 105 Biological Concepts - (CAPP through UW-Oshkosh) 1.0 Credit An introduction to the biological sciences. Addresses phenomena common to a diversity of life forms. Biological organization, cell biology, processing energy, genetics, evolution. *Students in this course have the opportunity to earn 4 college credits through UW-Oshkosh's Cooperative Academic Partnership Program.* **Prerequisites:** B or better in Biology 03051; Anatomy and Physiology and/or Chemistry are encouraged but not required **CAPP Eligibility Requirements:** At least one of the following requirements must be met at the time of enrollment:

- Class rank in the top 25 percent
- GPA of 3.25 or above (on a 4.0 scale)
- ACT score of 24 or higher and at least one of the following:
 - class rank in the top 50 percent
 - GPA of 2.75 or above
- Students who do not meet eligibility requirements are encouraged to talk with the instructor about enrolling via CAPP's "sign off" policy.

Length: Year Level: 11-12

SOCIAL STUDIES

3 Credit Required

04051 Ancient World History 1.0 Credit Provides students with a view of human history, starting with the development of humans from their earliest stages, through the development of civilizations up to the Columbian Exchange. Students will study the history of humanity during these time periods, but also developments in politics, economics, society, science, culture and how they all interact with one another. Cultures from around the world will be studied, including both western and non-western societies. **Length: Year** Level: 9-10 (9 suggested)

04102 Modern World History 1.0 Credit Provides students with a view of modern world history, starting with the Columbian Exchange, which marks the beginning of the “modern” period, through the present day. Students will study the effects of industrialization and globalization, and how the world has changed in drastic ways in a short period of time, historically speaking. Students will study historical aspects of the time period as well as political, economic, social, scientific, military, and cultural changes that took place across the globe. Students will also develop their skills as historians through the reading and analysis of various primary sources.

Length: Year Level: 9-10 (10 suggested)

04103 Modern U.S. History 1.0 Credit Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments. **Length: Year** Level: 11

04104 AP U.S. History 1.0 Credit 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 critical 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 Modern U.S. History **Length: Year** Level: 11-12

04106 Current Events 0.5 Credit Current events is an elective semester course that is offered as a Social Studies credit. The goal of a current events course is for the student to become aware of the major issues of the day and to have an in depth understanding and appreciation of current events. The focus of the class will be issues that affect the student as a resident of the World, the U.S., Wisconsin, and Blanchardville. The class will follow daily news events and will be expected to understand the social, political and economic issues on a daily basis. The objectives of this course are: to make the connection between current events and history, to enhance the student's understanding of world events and to encourage students to be informed citizens. The course will be offered at the comprehensive level. Students will complete papers and projects on selected current topics. **Length: Semester** Level: 10-12

AP World History 1.0 Credit 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** Level: 11- 12

04254 Psychology 0.5 Credit 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** Level: 10-12

04256 AP Psychology 1.0 Credit Following the College Board's suggested curriculum designed to parallel a college-level psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods that psychologists use in their science and practice.

Prerequisites: Biology and Psychology

Length: Year Level: 11-12

04258 Sociology 0.5 Credit 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.

Length: Semester Level: 10-12

04260 Government .5 Credit American Government is a semester long class designed to acquaint students with the origins, concepts, organizations, and policies of the United States government and political system. To increase comprehension, students will read and analyze relevant primary and secondary source documents and incorporate these ideas into the assigned material. Emphasis is also given to the dynamics of political decision-making and the degree to which citizens participate in political processes. Satisfactory completion of the course will prepare students to take the state mandated Citizenship Test needed for graduation in Wisconsin.

Length: Semester Level: 10-12

MUSIC

05101 High School Band 0.5 Credit per Semester High school band is an opportunity available to any student interested in creating and performing music with an instrument. The band performs repertoire along a wide spectrum of periods of musical history, genres, as well as difficulty level.

Performance opportunities include parades, concerts, solo and ensemble festivals (at the district and state levels), pep rallies and sporting events, and also involvement in many other festivals and events.

Traveling opportunities are available for those who wish to perform locally as well as across the country.

Students are asked to actively participate in fundraising opportunities that help pay for these trips. Band students have one-on-one lessons each week to work on concert music, technique, and solos for festivals. Grades are based on performance attendance as well as complete and constructive participation during rehearsal.

Our goal for the music program is to provide the best music education to the students as possible. Join us as we continue our journey through music! .

Length: Semester or Year Level: 9-12

05110 High School Chorus 0.5 Credit per Semester High school choir is an opportunity available to any student interested in creating and performing music through song. The choir performs repertoire from a spectrum of periods of musical history, genres, as well as foreign languages.

Performance opportunities include concerts, solo and ensemble festivals (at the district and state levels), and also involvement in many other festivals and events. Traveling opportunities are available for those who wish to perform locally as well as across the country. Students are asked to actively participate in fundraising opportunities that help pay for these trips. Grades are based on performance attendance as well as complete and constructive participation during rehearsal. Our goal for the music program is to provide the best music education to the students as possible. Join us as we continue our journey through music! **Length: Semester or Year** Level: 9-12

ART

05155 Drawing/Painting 0.5 Credit per semester Creative Art—Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium. The students will be taught according to the years of high school art experience they have had previously. For example a first year student in the drawing 9 weeks will learn the basics of drawing; the second year student more advanced techniques of drawing; the third year student advanced techniques and subject matter; and the fourth year student more innovative and creative aspects of drawing. The objective of the course is to introduce individuals to art materials and tools, art appreciation, creativity, and aesthetic value judgments. The course is designed to offer some value to everyone in high school in self-development, post high school and art career preparation, and as leisure time activity development. **Length: Semester** Level: 9-12

05158 3D Art 0.5 Credit per semester Creative Art—3D courses cover the same topics as Creative Art—Comprehensive courses, but focus on creating three-dimensional works. Students typically work with several media (such as clay, wood, metals, textiles, and so on), but some courses may focus on only one medium. Art exploratory in alternate mediums. Examples include the following: clay, mosaics, batiks, string art, jewelry, photomontage, plaster craft, art history, and sculpture. Students will build aesthetic awareness and appreciation. The course will provide an opportunity for students to gain a personal feeling of accomplishment in their artwork. Each student is graded in regard to his or her art ability. Class attitude and work attitude, are included in the student's evaluation. Instruction methods include lecture, demonstration, and studio artwork. Other educational opportunities of the course may include field trips, guest speakers, computer art, and photography. Remember, "Art is not needed to survive in this world, but it is needed to make life worthwhile"....
Prerequisite: None **Length: Semester** Level: 9-12

Independent Art 0.5 Credit per semester Independent Art is for students who want Drawing/Painting or 3-D Art but have scheduling conflicts that prevent them from taking these classes during the offered times. **Prerequisite:** Only students who cannot fit Drawing/Painting or 3D Art into their schedule. **Length: Semester or Year** Level: 9-12

Art Biz 101 0.5 Credit per semester Art Biz 101 is your chance to design, create and sell products. This class is looking for independent workers who enjoy producing quality work and if you like to create arts and crafts this class is for you. Students will use Art, business, and craftsmanship skills to engage in product research, design, product trends, price points, profit, market and advertise via social media and then sell their products to the community or while participating in area craft fairs. **Length: Semester** Level: 9-12

FOREIGN LANGUAGE

06101 Spanish I 1.0 Credit Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is also introduced through a variety of ways.

Length: Year Level: 9-12

06102 Spanish II 1.0 Credit Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increase their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

Prerequisite: Spanish 1

Length: Year Level: 9-12

06103 Advanced Spanish 1.0 Credit Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing with others. **Prerequisite:** Spanish 2

Length: Year Level: 11-12

06104 Advanced Spanish 1.0 Credit Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Length: Year Level: 11-12

06112 AP Spanish Language 1.0 Credit Designed by the College Board to parallel third-year college-level courses in Spanish Composition and Conversation, AP Spanish Language courses build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Students will develop a vocabulary large enough to understand literary texts, magazine/newspaper articles, films and television productions, and so on. **Available as an on-line course—Boost** . Prerequisites: Three or four years of Spanish or equivalent native fluency **Length: Year** Level: 12

PHYSICAL EDUCATION and HEALTH

(1.5 Credits Required for PE)

08001 Physical Education 9-12 0.5 Credit A heavy emphasis is placed on participation in lifetime sports and elective activities. Daily dressing and participation is a requirement. At this grade level, physical awareness, social interaction and decision making is developed to carry over for each student after he/she leaves our school environment. **Length: Semester** Level: 9-12

08005 Personal Fitness & Leadership 0.5 Credit This class is designed for the highly self-motivated, goal oriented individual. The student will learn to safely use the weight room using free weights and machines for personal fitness and strength training. Core strengthening and stability exercises will be implemented to improve the overall fitness levels. Also, the student will gain knowledge of leadership skills and implementation of these various concepts on leadership. A TYPICAL week will include four days in the weight room and one day in the classroom (at the elementary) setting to focus on Leadership and becoming positive role models to younger students in our district. The student may choose to follow a program designed by the instructor, or type up their own each week and hand them in each Friday. Students will be evaluated on their participation, progress, classroom assignments, and attendance. This class may be substituted for PE 11/12. May be repeated if space is available.

LEADERSHIP is something that is vital to the culture that this class is trying to create. The students in this class will be asked to often go "above and beyond" and also asked to be LEADERS within the school and community. These expectations WILL be met on a daily basis.

Prerequisite: MUST have take Physical Education at Pecatonica in Middle School **Length: Semester**
Level: 9-12

HEALTH

10th Grade Health 0.5 Credit This semester long course will provide information about all aspects of young adult health. Concepts taught in this course will include: physical, mental/emotional and social health choices and behaviors, strategies for managing stress, conflict management, infectious diseases, balancing healthy food choices and nutrition, and risks associated with the use of alcohol, tobacco, and drug abuse. Further topics discussed and studied will include suicide prevention, maintaining healthy relationships, human growth and development and CPR/First Aid/AED. **Length: Semester** Level: 10

COMPUTER SCIENCE

Computer Programming 1 1.0 Credit This introduction to computer programming uses the Python language. Computer programming is a creative task involving planning and problem solving. This course is recommended for anyone who is comfortable with math and interested in any field of science or engineering, or any field that analyzes data. Students will create a variety of applications, including games.

Length: Year Level: 9

Computer Programming 2 1.0 Credit This course uses the C# (C sharp) computer programming language. Computer programming is a creative task involving planning and problem solving. Students will create a variety of applications, including games using the Unity Game Engine.

Prereq: Computer Programming 1

Length: Year Level: 10-12

AP Computer Science 1.0 Credit AP Computer Science is equivalent to a first-semester college-level course in computer programming using the Java language. Topics include data structures, algorithms (e.g. searching, sorting), design strategies, and program analysis (testing, debugging).

Prereq: Computer Programming 2 **Length: Year** Level: 11-12

COMMUNICATION & AUDIO/VISUAL TECHNOLOGY

Beginning Computer Applications 0.5 Credit Available to freshmen through seniors. Students will be introduced to the Microsoft Office Suite; including Word, Excel, Access and PowerPoint. They will compare those applications to other technologies available in the workforce today. Students will explore the importance of these applications in the workforce, college and personal use.

Students in this course have the opportunity to earn college credit through SWTC in Fennimore.* **Length: Semester (should be 1st semester same hour as Advanced) Level: 9-12

Advanced Computer Applications 0.5 Credit Available to freshmen through seniors. Students will establish advanced Microsoft Office Suite skills; including Word, Excel, and PowerPoint. Students will prepare for and complete the Microsoft Office

Specialist Certification. Students will explore other technology tools and database management options.

Students in this course have the opportunity to earn college credit through SWTC in Fennimore.* **Prerequisite: Beginning Computer Applications

Length: Semester (should be 1st semester same hour as Advanced) Level: 9-12

Desktop Publishing 0.5 Credit In this one-semester course, students will be introduced to basic design principles and how they apply to desktop publishing. They will work with professional desktop publishing software such as Adobe InDesign, PhotoShop and Microsoft Publisher. This software will be used to design a wide variety of professional documents for personal use, club use, or work-related use. In addition, scanners, digital cameras, and Internet images will be incorporated into the class to enhance projects. Possible class projects include newsletters, brochures, invitations, programs, flyers, certificates, business cards, announcements, and labels, along with many seasonal or special projects. This course is required as a prerequisite for students interested in being on the yearbook staff as a senior.

Length: Semester (should be 1st semester same hour as Yearbook) Level: 9-12

Publication Productions 0.5 Credit In this one-semester course, students will put skills learned in Desktop Publishing to work. Students in this course will complete various projects including, but not limited to: school yearbook, rosters for sporting events, programs for concerts, buttons/inserts for parent/senior nights, graduation video (personal and graduation ceremony), graduation invitation, community requests, and upkeep of school athletic webpages.

Prereq: Desktop Publishing Length: Semester (2nd semester) Level: 12

BUSINESS & MARKETING

12104 Accounting 1.0 Credit 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. 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 Level: 11-12

22210 Personal Finance 0.5 Credit Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

“Nobody plans to fail: they just fail to plan.” This class is designed to give students an understanding of important financial issues that affect daily life and the future. The topics include your paycheck, taxes and deductions, budgets, money management, savings and investing, credit and more. This is presented in a hands-on, learn by doing, format and assessment will be a portfolio of information gathered by the student. **“Money isn't everything, but lack of it is”.** **Students in this course have the opportunity to earn college credit through SWTC in Fennimore.*

Length: Semester Level: 10-12

AGRICULTURE

17006 Woods I 0.5 Credit Woods I introduces students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Students design and create pre-determined projects, prepare bills of materials and finish proposed projects.

Length: Semester Level: 9-12

17006 Woods II 0.5 Credit Woods II is an extension of Woods I. Safety is reviewed and further skills are developed that allow students to create advanced projects. Students design and construct one or more projects and may prepare a bill of materials. Advanced students design and create a project, prepare bills of materials and finish proposed projects. Prerequisite: Woods I **Length: Semester** Level: 9-12

17007 Advanced Woods 0.5 Credit Cabinetmaking courses provide students with experience in constructing cases, cabinets, counters, and other interior woodwork. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. Cabinetmaking courses cover the different methods of joining pieces of wood, how to use mechanical fasteners, and how to attach hardware. Initial topics may resemble those taught in Woodworking courses; more advanced topics may include how to install plastic laminates on surfaces and how to apply spray finishes. Prerequisites: Woods I, Woods II **Length: Semester** Level: 10-12

Custom Craftsmanship 0.5 Credit per semester Custom Craftsmanship is your chance to design, manufacture and sell custom products using a variety of wood and metals skills. Students will engage in product research, design, product trends, price points, profit, time management, market and advertise via social media and then sell their products to the community or while participating in area craft fairs. **Length: Semester (1st only)** Level: 9, 10,11,12

18054 Crop & Soil Science 0.5 Credit (3 Cr at SWTC) Turf and Landscape Management courses provide instruction that incorporates plant science, soil and media mixtures, plant identification and optimal environments, and landscape design. These courses emphasize applying such knowledge and skill to the design, establishment, and maintenance of lawns, parks, open space, and similar environments. Prerequisite: Botany **Length: Semester** Level: 10-12

18101 Large Animal Science & Poultry 0.5 Credit (3 Cr at SWTC) Animal Production/Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study. *Students in this course have the opportunity to earn college credit through SWTC in Fennimore.*
Length: Semester Level: 10-12

18102 Small Animal Care 0.5 Credit Small Animal Care courses focus on the care and management of small animals. Animal nutrition, health, behavior, reproduction and breeding, anatomy and physiology, facilities, handling and training, and grooming are typical areas of study. Course topics may include kennel operations and sales. **Length: Semester** Level: 9-12

18203 Agribusiness 0.5 Credit (3 Cr at SWTC) Agricultural Leadership courses help students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision-making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities. **Length: Semester** Level: 11-12

18401 Agriculture Metal and Building 0.5 Credit (1 Cr at SWTC) Topics include concrete, masonry, sheet metal bending and introduction to welding. Students will explore building trades related to concrete and masonry as they construct stepping stones, brick walls and chimneys. Students will learn how to account for bends in working with sheet metal. While welding students will gain experience using the ARC, MIG and OXY/Acetylene welders. More advanced students will be introduced to brazing, TIG and Plasma cutting torch. *The welding portion of the course is articulated for advanced standing at SWTC.* **Length: Semester** Level: 9-12

18402 Agriculture Power 0.5 Credit (3 Cr at SWTC) Topics include small engines, basic car care, electricity and hydraulics. Students will learn how to completely disassemble and reassemble a small gasoline engine. Students will learn how hydraulics work and construct hydraulic machines. Students will learn how electrical circuits work and use hands on wiring boards and walls to demonstrate. Students will also gain knowledge in automobile ownership and maintenance, tire safety and automobile maintenance. **Length: Semester** Level: 9-12

18405 Advanced Ag Mechanics 0.5 Credit These courses examine specific topics related to agricultural mechanics and construction, such as specific vehicles or structures, rather than provide a general study of mechanics and construction techniques. Prerequisite: Agriculture Power or Agriculture Metal and Building. **Length: Semester** Level: 11-12

18501 Wildlife Management 0.5 Credit Often with an emphasis on the conservation of natural resources and frequently including outdoor recreation topics, Wildlife Management courses provide students with the opportunity to understand and appreciate the importance of maintaining the land and ecological systems that enable non-domesticated animals to thrive. Wildlife Management courses emphasize how humans and animals may both take advantage of the same land or how to gain economic benefits from the land while not degrading its natural resources or depleting plant or animal populations. **Length: Semester** Level: 9-12

18505 Outdoor Recreation 0.5 Credit Outdoor Recreation focuses on many activities that take place outdoors. It will cover topics in Archery and NASP, water and outdoor safety, survival skills, orienteering, camping, building a fire and careers related to the outdoors. **Length: Semester** Level: 9-12

MISCELLANEOUS COURSES

Youth Apprenticeships 0.5 - 1.5 credits/semester including a vocational class taken through Southwest Wisconsin Technical College and required work-based learning

Youth Apprenticeships are two year intensive experiences which include paid work-site learning and technical college coursework. Generally, these apprenticeships must begin during the junior year. Elective credits will be awarded while completing the regular graduation requirements for Pecatonica High School. Advanced standing credit may be earned from technical colleges for tech classes taken during the apprenticeship. Participation in this program requires the School-To-Work coordinator to find an approved work-site and a cooperating mentor. Youth apprenticeships are available in many areas including Auto Technology, Auto Collision & Repair, Health Services, Finance, Manufacturing, Production Agriculture, Graphic Arts & Printing, Information Technology, Logistics, Manufacturing, Tourism, Welding. The Lafayette County Construction Academy is a yearly YA option that meets weekly October thru March. Students who participate in this program will earn 0.5 credits per year. Students enrolled in this Academy must have passed Geometry with a C or above. New apprenticeship areas are often added so check to see if your interest area is available. Summer work hours may count toward annual work-site hour requirements. * Some YA have 1 year option for seniors
500 hours/year paid work site learning-- junior year
500 hours/year paid work site learning-- senior year

Level: 11-12

Youth Options 0.25 Credit of the college value Juniors and Seniors who want to begin their post-secondary college coursework may apply for Youth Options. Students may take classes at either a 2 or 4 year college and earn both college and high school credit. If the student's class is approved, the school district will pay for the tuition, books and required materials for the course. Students and families may also qualify for mileage reimbursement from the state. **Students and parents must notify the school board or the counselor by March 1 for a fall semester class and by October 1 for spring semester class.** See counselor for registration form. Grades included in GPA calculations.

Limit 18 credits Parents/Students will be responsible for costs if a student fails or drops course after deadlines. Level: 11-12

WORK STUDY

Teacher Assistants .25 Credit Pass-Fail Students will apply through the School Counselor, with staff member approval, for a TA position with an adult supervisor at school. Students will be evaluated quarterly for performance and work skills. Tasks may include, but are not limited to, cleaning, lab set-up, peer tutoring, filing, copying. Supervisors may include teachers, support staff, or administrators. Students will be required to keep a weekly log of the tasks they completed as well as a one page reflection prior to the conclusion of the semester. Students are only allowed to serve as a TA for one semester and there can only be one TA per staff member per semester. These positions will be filled on a first come first serve basis. **Length: Semester** Level: 11-12

Work Release Credit may be allowed Juniors and seniors may request release from school for **one period per day** by applying with the counselor. Parents and employers must approve and sign for work release. Counselor will verify that the student is meeting or able to meet the requirements for graduation while participating in work release. Level: 11- 12



SRTNC Distance Learning Course Catalog 2020-2021

(Southwest Rural Telecommunications Network Consortium)

The SRTNC Network is a fully interactive video distance learning network utilizing the latest in HD video conference technologies to allow course and content sharing to expand and enhance educational opportunities for its members. SRTNC is built upon BadgerNet's BlueJeans® infrastructure providing interoperability between H.323, SIP, Jabber, Zoom, Skype, and other video conference systems.

PROGRAMMING:

SRTNC provides a fully interactive environment for a variety of live video and blended K-12, UW, and TC courses available for your students. Members can also provide courses to schools statewide utilizing a variety of interactive technologies from distance learning classrooms, mobile carts, desktop/laptop computers, and mobile devices.

AP Calculus

Host: Belmont
Date/Time: TBA
Semester: Full Year
Credit: 1 (HS)
Instructor: Robert Crego
Cost: Free to SRTNC members

AP Calculus is an advanced placement class that may allow for college credit or advanced standing when entering college. This course will permit you to challenge yourself in a college level mathematics course. Unlike Pre-Calculus a much higher emphasis will be placed on your ability to communicate mathematics both in a written and verbal format. Each assignment has problems which require you to write to explain your work. Students will be able to work with functions and understand their connections represented in a variety of ways such as graphical, numerical, analytical, or verbal. Students will work on understanding the meaning of the derivative in terms of a rate of change and local linear approximation, and should be able to use derivatives to solve a variety of problems. Students will be able to understand the meaning of the definite integral, the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus.

AP Calculus AB

Host: Prairie du Chien
Date/Time: 8:00 a.m. to 8:42 a.m M-F
Semester: Full Year
Credit: 1 (HS)
Instructor: Hannah Rabbitt
Cost: Free to SRTNC members

AP Calculus AB is an advanced placement class that may allow for college credit or advanced standing when entering college. This course will allow you to challenge yourself to see what you are capable of achieving. Having experience with AP Calculus and exams can only enhance your chance of admission to a college. This will include intensive study to help students who are looking to major in the math, science, engineering, or business fields. Three-Hour exams will be given covering topics typically included in an introductory Calculus I college course. 105 minutes of multiple-choice questions and 90 minutes of free-response questions will be used. Both the multiple-choice and free-response sections contain parts where a graphing calculator is required and parts where calculator use is prohibited. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class. Prairie du Chien runs a modified block schedule. Teachers will meet with their students 4 days a week due to one day being a block period. Students enrolled in the SRTNC classes will need to be able to follow this schedule.

AP Calculus BC

Host: Prairie du Chien
Date/Time: 8:45 a.m. to 9:27 a.m. M-F
Semester: Full Year
Credit: 1 (HS)
Instructor: Hannah Rabbitt
Cost: Free to SRTNC members

AP Calculus BC is an advanced placement class that may allow for college credit or advanced standing when entering college. This course will allow you to challenge yourself to see what you are capable of achieving. Having experience with AP Calculus and exams can only enhance your chance of admission to a college. This will include intensive study to help students who are looking to major in the math, science, engineering, or business fields. Three-Hour exams will be given covering topics typically included in an introductory Calculus I college course. 105 minutes of multiple-choice questions and 90 minutes of free-response questions will be used. Both the multiple-choice and free-response sections contain parts where a graphing calculator is required and parts where calculator use is prohibited. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class. Prairie du Chien runs a modified block schedule. Teachers will meet with their students 4 days a week due to one day being a block period. Students enrolled in the SRTNC classes will need to be able to follow this schedule.

AP English Literature & Composition

Host: Potosi

Date/Time: 7:55 a.m. - 8:43 a.m. M-F

Semester: Full Year

Credit: 1 (HS)

Instructor: Jason Fry

Cost: Free to SRTNC members

In this course, the equivalent of an introductory college-level survey class, students are immersed in a variety of novels, plays, poems, and short stories from various periods. The primary focus of this class is to enhance students' abilities to critically analyze various forms of literature, and compose literary analysis in response to that literature. In doing so, students will increase their college readiness. Students will read and write regularly using a variety of multimedia and interactive activities, interpretive writing assignments, and there will be a strong emphasis on 2 purposeful group discussion to inform the written analysis. In addition, students will learn to recognize and understand literary devices and vocabulary. Students prepare for the AP Exam and for further study in creative writing, literature, speech, and composition, as these skills are expected within the general education requirements for all universities. Students taking this course will be expected to dedicate time outside of the classroom as it is a college-level course. Students will be expected to take the AP exam in May.

AP Macroeconomics

Host: Potosi

Date/Time: 9:37 a.m. to 10:35 a.m.

Semester: Fall Semester

Credit: .5 (HS)

Instructor: Zach Lynn

Cost: Free to SRTNC members

AP MacroEconomics is designed to give you a thorough understanding of the principles of economics that guide our world, as well as the principles that apply to individual economic decision-makers. Students will use graphs, charts and data to analyze, describe, and explain economic concepts. Each course will cover one semester of the full year of class. It is advised that you plan on taking the full year if you plan on taking the AP MicroEconomics and Macroeconomics exam.

AP Microeconomics

Host: Potosi

Date/Time: 9:37 a.m. to 10:35 a.m.

Semester: Spring Semester

Credit: .5 (HS)

Instructor: Zach Lynn

Cost: Free to SRTNC members

AP Microeconomics is designed to give you a thorough understanding of the principles of economics that guide our world, as well as the principles that apply to individual economic decision-makers. Students will use graphs, charts and data to analyze, describe, and explain economic concepts. Each course will cover one semester of the full year of class. It is advised that you plan on taking the full year if you plan on taking the AP Microeconomics and Macroeconomics exam.

AP Psychology

Host: Belmont

Date/Time: TBA

Semester: Full Year

Credit: 1 (HS)

Instructor: Andy Riechers

Cost: Free to SRTNC members

This course is designed to introduce you to the systematic and scientific study of the behavior and mental processes of human beings and other animals. You will be exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. You will also learn about the ethics and methods psychologists use in their science and practice.

AP Statistics

Network: ERVING

Day/Time: 11:43 a.m to 12:27 p.m.

Semester(s): Full Year

Credit: 1 (HS) 3 (TC)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

Three technical college credits can be earned by meeting expectations set forth by NTC.

Students taking Introductory Statistics display data with graphs, describe distributions with numbers perform correlation and regression analyses and design experiments. They use probability and distributions to make predictions, estimate parameters and test hypotheses. They draw inferences about relationships including ANOVA.

*At the end of the course, ALL students are required to take and pay for the AP exam."

American Sign Language 1

Network: Northeast Wisconsin TC (NWTC) - Green Bay

Day/Time: TWR 8:00 a.m. - 8:45 a.m.

TWR 8:55 a.m. - 9:40 a.m.

TWR 10:35 a.m. - 11:20 a.m.

TWR 12:01 p.m. - 12:46 p.m.

Semester(s): Fall

Credit: 3 (TC)

Cost: \$447.00

Registration Deadline: First come, first served

Relating to the deaf culture including non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness.

American Sign Language 1

Network: Northeast Wisconsin TC (NWTC) - Green Bay

Day/Time: TWR 8:00 a.m. - 8:45 a.m.

Semester(s): Spring

Credit: 3 (TC)

Cost: \$447.00

Registration Deadline: First come, first served

Relating to the deaf culture including non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness.

American Sign Language 2

Network: Northeast Wisconsin TC (NWTC) - Green Bay

Day/Time: TWR 8:55 a.m. - 9:40 a.m.

TWR 10:35 a.m. - 11:20 a.m.

TWR 12:01 p.m. - 12:46 p.m.

Semester(s): Spring

Credit: 3 (TC)

Cost: \$447.00

Registration Deadline: First come, first served

A more in-depth study relating to Deaf culture including non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness.

Accounting 1

Host: Riverdale
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor:
Prerequisite: General business
Cost: Free to SRTNC members

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. Grades 10,11,12.

Accounting 1

Network: ERVING
Day/Time: 1:17 p.m. to 2:01 p.m.
Semester(s): Full Year
Credit: 1 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

What is a credit? What is a debit? How do businesses figure prices to make a profit? This high school course in accounting involves principles and methods of recording business transactions and the preparation of financial statements with emphasis on the records of a sole proprietorship, partnerships, and corporations.

Anatomy & Physiology

Network: ERVING
Day/Time: 8:52 a.m. to 9:36 a.m.
Semester(s): Spring Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

A concentrated course on the human anatomy and physiology that demands focused study and preparation in anatomy and physiology. Students should be prepared to take quizzes and tests both on MOODLE and Paper Copy. Most Labs are virtual as we are in an ERVING classroom. Topics Include: *skeletal and muscles *nervous system *cardiovascular *endocrine system. Prerequisite: The students need to have an A or B in Biology with an understanding that there will be 3-6 hours of study per week. This class is only for juniors and seniors.

Animal Science

Network: ERVING
Day/Time: 9:29 a.m. to 10:23 a.m.
Semester(s): Full Year
Credit: .75 (HS) & 3 (TC)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

This course covers all areas of animal science including the history of the animal industry. It will also cover a general overview of beef and dairy cattle, sheep, horses, swine, and poultry. Anatomy and physiology, management feeding, health and diseases of these animals will be discussed. Genetics, selection and judging will be included. The processing of these animals for consumer use will be studied. (Dual credit will be available through NTC)

Assistant Child Care Teacher

Host: Cuba City
Date/Time: 9:45am to 10:30am
Semester: Spring
Credit: .5 (HS)
Instructor: Nancy Merwin
Textbook: Working with Young Children, 7 th Edition, by Judy Herr
Prerequisite: Junior or Senior status
Cost: Free to SRTNC members

ACCT is designed to prepare for careers in child care and elementary education. It is also helpful for students interested in going into any field related to children. In this class students gain an insight into planning and implementing experiences that meet children's developmental needs. These experiences will enhance language, mathematical, fine and gross motor skills, morals, creativity, and problem solving. Brain development and child psychology are also examined due to the increased amount of research currently being developed. Students examine historical movements in childcare, as well as current and future dilemmas. Skills and practical guidelines will be developed for guiding young children in childcare and public school settings and for keeping them safe and healthy. A variety of learning environments will also be examined. Throughout the semester, students must observe and participate with children two to five years of age for 10 hours. Some of these hours are actually teaching planned lessons. An additional 10 hours could be spent working with infant and toddlers for an additional certificate. With successful completion of this course (A, B or C) and the skill list, you may become a certified Assistant Child-Care Teacher through the Department of Public Instruction. If you also had Parenting, you may receive the Infant and Toddler certificate if you meet the hour requirement. This means, you may work as a child care assistant and be included in the adult to child ratio.

Business Law

Network: ERVING
Day/Time: 12:30 p.m. to 1:14 p.m.
Semester(s): Fall Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

In this course, the students will gain an understanding of what business law is and why it exists. They will learn what is considered a crime, a tort, a legal contract, and how all of these affect the consumer and business. This will be accomplished through the use of case studies and problems presented in the book along with current events. The students will also be taken on a field trip to the courthouse to see actual cases. Upon completing the course, the students will have a better understanding of how law influences the world in which they live. Gr 11-12

Creative Writing

Host: Potosi
Date/Time: 2:07 p.m. to 2:55 p.m. M-F
Semester: Fall Semester
Credit: .5 (HS)
Instructor: Jason Fry
Cost: Free to SRTNC members

Students will study, plan and develop, and create a range of written assignments, including poetry, nonfiction and fiction short stories, and drama scripts. Students will learn and implement the elements and techniques, including the use of literary devices, of story creation and storytelling. Students will read and study a variety of mentor texts, and apply creative literary elements and devices studied to the creation of their own written text products.

English as a Second Language (ESL)

Host: CESA #3
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor:
Cost: TBA

Film Studies

Network: ERVING

Day/Time: 2:04 p.m. to 2:48 p.m.

Semester(s): Spring Semester

Credit: .5 (HS)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

Students will view and respond to a variety of films and television shows representing various eras and genres. Assigned reading will include reference materials regarding the history of film and TV, genres, and formal analysis of visual media. Students will be expected to take notes in class on these topics as well. Writing assignments will include a formal analysis of the merit of a film or TV show. Prerequisite: Junior status

French 1

Credits: 1 (HS)

Semester(s): Full Year

Cost: \$350/semester

Day/Time: TBA

Network: ShoreNet

Registration Deadline: First come, first served

It is the goal of this course to not only learn of the French language and culture but to use it! This course will establish basic French oral and written communication skills and knowledge of the French language and culture. This will be accomplished through the use of “hands on” activities including classroom drama, conversational skits, written composition, reading, music, and individual/group projects. Students will need to buy a specific French dictionary. Instructor: Kelly Romenesko kelromenesko@stockbridge.k12.wi.us No books are needed. There is a ten school day grace period for Stockbridge's French classes. If a class is dropped after ten days, the school will be billed for the full semester. Special circumstances will be considered on a case by case basis.

French 2

Credits: 1 (HS)
Semester(s): Full Year
Cost: \$350/semester
Day/Time: TBA
Network: ShoreNet
Registration Deadline: First come, first served

It is the goal of this course to not only learn of the French language and culture but to use it! This course will establish basic French oral and written communication skills and knowledge of the French language and culture. This will be accomplished through the use of “hands on” activities including classroom drama, conversational skits, written composition, reading, music, and individual/group projects. Students will need to buy a specific French dictionary. Instructor: Kelly Romenesko kelromenesko@stockbridge.k12.wi.us No books are needed. There is a ten school day grace period for Stockbridge's French classes. If a class is dropped after ten days, the school will be billed for the full semester. Special circumstances will be considered on a case by case basis.

French 3

Credits: 1 (HS)
Semester(s): Full Year
Cost: \$350/semester
Day/Time: TBA
Network: ShoreNet
Registration Deadline: First come, first served

French 1

Host: CESA #3
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor:
Cost: TBA

French 2

Host: CESA #3
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor:
Cost: TBA

German 1

Host: CESA #3
Date/Time: 8:15 a.m - 9:00 a.m. M-F
12:00 p.m. - 12:45 p.m. M-F
Semester: Full Year
Credit: 1 (HS)
Instructor: Mary Joan Brilla
Cost: \$450 per student/semester or less (based on enrollment)

Presumes no knowledge of the German language. In German I, students learn basic vocabulary around topics such as introductions, family relationships, descriptions of people and objects, simple narration in present time, hobbies, school life, food, and likes/dislikes. German I covers material presented in the textbook Deutsch Aktuell from Kapitel 1 to Kapitel 8. The course also offers basic cultural insights and comparisons that are further elaborated on in German II. Assessment is done in increments of chapter tests and projects; there is a semester final (January) and an end-of-the-year final (May). Students also complete vocabulary, writing, and reading assignments, as well as matching assessments, all turned in via Google Classroom. There are projects throughout the year--different oral projects that are videotaped and submitted via Youtube. Class participation is encouraged and regular attendance is essential. Computer access and computer literacy required for this course as Google Classroom serves as the electronic gradebook for daily homework and assessments. Ability to work independently and outside of class required. Students may study German I by request, and/or recommendation by the guidance counselor, principal, or other interested faculty member.

German 2

Host: CESA #3
Date/Time: 10:00 a.m. - 10:45 a.m.
Semester: Full Year
Credit: 1 (HS)
Instructor: Mary Joan Brilla
Cost: \$450 per student/semester or less (based on enrollment)

Students learn to narrate using past time markers, to point out tasks and obligations, to expand on their ability to describe, and to understand and express opinions on everyday activities. German II covers material presented in the textbook Deutsch Aktuell I: Kapitel 9-12 and Deutsch Aktuell 2 Chapters 1-5. In addition, film clips provide a rich context for learning vocabulary and expressing opinions. Grammar is explained as it is used in context. Assessment is done in increments of chapter tests; there are projects due that illustrate increasing proficiency. Students also complete writing & reading assignments as well as matching assessments, all turned in via Google Classroom. Class participation is encouraged and regular attendance is essential. Computer access and computer literacy required for this course as Google Classroom serves as the electronic gradebook for daily homework. Ability to work independently and outside of class required. Students may study German II by request, and/or recommendation by the guidance counselor, principal, or other interested faculty member.

German 3 or 3/4

Host: CESA #3

Date/Time: 9:00 a.m. to 9:45 a.m.

11:00 a.m. to 11:45 a.m.

Semester: Full Year

Credit: 1 (HS)

Instructor: Mary Joan Brilla

Cost: \$450 per student/semester or less (based on enrollment)

German III and IV reviews and expands on German grammar and assumes prior knowledge of general concepts. The primary objective of the course is to give students the opportunity to explore language as it is embedded in the culture using film, readings, and video. Testing is done by take-home exam or project work. Students complete writing, reading and project assignments via Google Classroom. There is a mid-term (January) and final exam (May). Class participation is encouraged and regular attendance is essential. Computer access and computer literacy required for this course as Google Classroom serves as the electronic gradebook for required daily homework. Ability to work independently and outside of class required. Students may study German III/IV by request, and/or recommendation by the guidance counselor, principal, or other interested faculty member.

Global Business

Host: University of Wisconsin - Platteville

Date/Time: 12:00 p.m. to 12:50 p.m. M/W/F

Semester: Fall & Spring Semesters

Credit: 3 (UW)

Instructor: Jake Gantenbein

Cost: \$150 per credit

Registration Deadline: March 20 for Fall - October 20 for Spring

BUSADMIN 1300 - This course will survey current issues and trends in global business. Specific emphasis will be placed on the impact of these trends on managers in the multinational organizational setting. Topics include a study of the economic, financial and legal environments of international business. In addition, trade issues and corporate strategies will be discussed.

Gothic Literature

Network: ERVING
Day/Time: 2:04 p.m. to 2:48 p.m.
Semester(s): Fall Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

This class focuses on the classic Gothic novels Dracula, Frankenstein, and Dr. Jekyll and Mr. Hyde and their influence on popular culture. It has a heavy emphasis on literature with a secondary focus on essay-writing skills. Major projects will include a creative writing extension of Dr. Jekyll and Mr. Hyde, a research project on a supernatural creature and its treatment in popular culture, an essay examining a theme in Dracula, and a persuasive essay related to Frankenstein.

Hollywood and US History

Network: ERVING
Day/Time: 2:04 p.m. to 2:48 p.m.
Semester(s): Spring Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

Students will gain a deeper understanding of American history by studying the manner in which our history has been depicted in various American films of the 20th Century. (U.S. History 1776-1974)

Human Behavior

Network: ERVING
Day/Time: 1:17 p.m. to 2:01 p.m.
Semester(s): Fall Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

Human Behavior is a social psychology course, which explores common factors, which stimulate a wide variety of human behaviors. Basically, it's a chance to gain an understanding of why we act the way we do, and why people react to us the way they do. Units of study will include: behavior, behavior modification, human nature, personality, gender relationships, child development, and behavioral disorders. Grades 11-12

Human Geography

Network: ERVING

Day/Time: 2:04 p.m. to 2:48 p.m.

Semester(s): Fall Semester

Credit: .5 (HS)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

The Human Geography course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ special concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Can be counted as either a SS credit if they need it or just as an elective.

Human Growth and Development

Host: University of Wisconsin - Platteville

Date/Time: 8:00 a.m. to 8:52 a.m. M/W/F

Semester: Fall & Spring Semesters

Credit: 3 (UW)

Instructor:

Cost: \$150 per credit

Registration Deadline: March 20 for Fall - October 20 for Spring

TEACHING 2130 - A general introduction to the developing child from infancy through adolescence. Individual students will focus on the developmental level of specific relevance to their future educational career. The physical, social, emotional, and cognitive areas of development will be reviewed in detail. Developmental research findings, individual differences, and the child's development as a member of society and culture will be highlighted. The implication of human development for education and other work with children and youth will be an important focus of the course. Satisfies social science in depth for all School of Education majors ONLY.

Intro to Business

Network: ERVING
Day/Time: 2:04 p.m. to 2:48 p.m.
Semester(s): Spring Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

Introduces students to the evolution of business and entrepreneurship. Students analyze global, ethical and legal environments of business, explore the human side of business and examine the functional approach to information technology, marketing, human resource management, operations management and finance.

Intro to Computer Coding

Network: ERVING
Day/Time: 8:52 a.m. to 9:36 a.m.
Semester(s): Spring Semester
Credit: .5 (HS)
Cost: \$250.00 student/semester
Registration Deadline: First come, first served

This course will expose students to a variety of different programming languages that include C++, HTML, Visual Basic, and others. Students will learn about coding, compiling, debugging, design, logic, efficiency, and other topics that deal with programming. Each student must have a windows desktop with visual studio installed.

Intro to Education

Host: University of Wisconsin - Platteville

Date/Time: 8:00 a.m. to 8:52 a.m. Tu/Th

Semester: Fall & Spring Semesters

Credit: 2 (UW)

Instructor:

Cost: \$150 per credit

Registration Deadline: March 20 for Fall - October 20 for Spring

TEACHING 1230 - An introduction to the broad fields of teaching; objectives and principles of education; an exploration of teaching as a career choice (including elementary, middle, and high school teaching).

Intro to Marketing

Network: ERVING

Day/Time: 12:30 p.m. to 1:14 p.m.

Semester(s): Spring Semester

Credit: .5 (HS)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

This course will give you the foundations and functions of marketing. Students will then be able to create a marketing plan, create and distribute a product, set a price, promote the product, and then learn how to manage the risks and finances.

Leadership

Network: ERVING

Day/Time: 12:30 p.m. to 1:14 p.m.

Semester(s): Fall Semester

Credit: .5 (HS)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

This class is designed to give the students practical life management skills to prosper in their future endeavors. The skills discussed and practiced within this course are of the leadership nature and can be applied to all types of real-life situations. Major topics discussed include: leadership styles, effective communication, leading individuals and groups, thinking skills, and personal development. Grades 9-12, One Semester

Parenting

Host: Cuba City
Date/Time: 9:45am to 10:30am
Semester: Fall
Credit: .5 (HS)
Instructor: Nancy Merwin
Prerequisite: Junior or Senior status
Cost: Free to SRTNC members

This course is designed for all individuals who, during their lives will either choose to have children of their own or want to know how to relate more successfully with children. The students explore and analyze their own readiness, responsibilities, and choices for the role of parenting. The course covers prenatal to school-aged era. Brain development and child psychology are new issues the class will examine because of their importance in raising happy and healthy children. Each student gains insight into children through the experience of having a baby of their own. Career applications and personal extensions are easily applicable.

Personal Finance

Host: Riverdale
Date/Time: TBA
Semester: Full year
Credit: .5 (HS)
Instructor:
Prerequisite:
Cost: Free to SRTNC members

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. Grades 11,12.

Psychology

Network: ERVING

Day/Time: 12:30 p.m. to 1:14 p.m.

Semester(s): Fall Semester

Credit: .5 (HS)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

"This course enables students to gain knowledge of such topics as perception, motivation, emotion, memory and thought, the brain and behavior, conflict, stress, personality, abnormal behavior and experimentation. A psychology course can help students better understand themselves and others. Any student who plans on any type of post high school training should consider this course.

Sociology

Network: ERVING

Day/Time: 12:30 p.m. to 1:14 p.m.

Semester(s): Spring Semester

Credit: .5 (HS)

Cost: \$250.00 student/semester

Registration Deadline: First come, first served

Sociology is the study of human behavior and interaction with society. The course will include the following areas: personality growth and development, mental and emotional health, physical growth and learning, intelligence and thinking, behavior disorders and their effect on society. This course is for the average or above average student. Student evaluation: Exams - chapter, mid-semester, semester final; assignments; papers - four to six; classroom contribution; debate project.

Spanish 1

Host: Black Hawk
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor: David Kinney
Cost: Free to SRTNC members

The first year of Spanish is the study of basic grammar, vocabulary and pronunciation of the target language. It also includes the study of the countries that speak the language, their customs and their way of life. Activities in this course include passing both written and oral tests, writing short compositions, studying vocabulary, working in pairs and small groups, and participating in in-class activities. Students should show a willingness to speak the foreign language in class.

Spanish 2

Host: Riverdale
Date/Time: 1:24 p.m. to 2:29 p.m.
Semester: Full year
Credit: 1 (HS)
Instructor:
Prerequisite: Spanish 1
Cost: Free to SRTNC members

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. Grades 9,10,11,12.

Spanish 2

Host: Black Hawk
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor: David Kinney
Cost: Free to SRTNC members

The second year of Spanish language is the continued study of the grammar and vocabulary of the target language. It also includes further study of the culture of countries where Spanish is spoken. Conversational ability is expected to improve this year, as is the ability to read and write in the target language. In order to enroll in this course the student should have had at least a C average in Spanish I. Prerequisite: Spanish I with a C average.

Spanish 3

Host: Riverdale
Date/Time: 8:48 a.m. to 9:43 a.m.
Semester: Full year
Credit: 1 (HS)
Instructor:
Prerequisite: Spanish 2
Cost: Free to SRTNC members

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. Grades 10,11,12.

Spanish 3/4 Host: CESA #3

Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor:
Cost: TBA

Spanish 3/4

Host: Black Hawk
Date/Time: TBA
Semester: Full year
Credit: 1 (HS)
Instructor: David Kinney
Cost: Free to SRTNC members

In Spanish III, students continue developing communicative competence in Spanish. Students continue to add to vocabulary, explore more difficult sentence construction, and study Hispanic culture. Hispanic members of the community may be guests. Students should be able to communicate their own ideas in Spanish with some ease, and should be able to accomplish in-class projects in Spanish. Almost the entire course is conducted in Spanish. Prerequisite: Spanish I & II with a C average, Much of the course is conducted in Spanish. After Spanish IV, a student and a native speaker accustomed to dealing with non-native speakers should be able to communicate with ease. Students continue to add to vocabulary, explore more difficult sentence construction, study Hispanic culture, and work with more songs to improve listening comprehension, intonation, and pronunciation. Hispanic members of the community may be guests. Students should be able to communicate their own ideas in Spanish with some ease. Almost the entire course is conducted in Spanish. Prerequisite: Spanish III with a C average.

Statistics

Host: Prairie du Chien

Date/Time: 8:45 a.m. to 9:27 a.m.

Semester: Spring Semester

Credit: .5 (HS)

Instructor: David Antoniewicz

Cost: Free to SRTNC members

Statistics applies to students going into business and social science fields as well as the math and science fields. The Advanced Placement Statistics course is divided into four main topics. In this course, we will look at the first two of these topics; "Exploring Data" and "Sampling and Experimentation". Students will learn how to describe patterns in data and departures from the pattern. Students will also learn how to plan and conduct a study. Students will be expected to have a graphing calculator for use in this class. The TI-83 or 84 is recommended as this will be the type used for demonstration purposes in the class. Prairie du Chien runs a modified block schedule.

Teachers will meet with their students 4 days a week due to one day being a block period.

Students enrolled in the

SRNTC classes will need to be able to follow this schedule

UNITS OF STUDY

- 1 - What is Statistics?
- 2 - Exploring Data
- 3 - Describing Location in a Distribution
- 4 - Examining Relationships
- 5 - Relationships between Two Variables
- 6 - Producing Data