***2018-2019***

***Turtle Lake High School***

***Course Description***

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**TURTLE LAKE HIGH SCHOOL**

**GRADUATION REQUIREMENTS**

**Graduates will meet the following minimal criteria to graduate from Turtle Lake High School:**

English 4 Credits of English to include:

1 credit each of English 9, English 10, and

2 credits in English11, English 12, or AP English

Science 3 Credits of Science to include:

1 credit of Biology and

1 credit of Intro to Chemistry and Physics

Social Studies 3 Credits of Social Studies to include:

1 credit of 20th Century, 1 credit of Civics,

1 credit of Global Studies

Math 3 Credits to include:

1 credit of Algebra 1 and

 1 credit of Geometry

Business 1 Credit of Business to include:

.5 credit of Computer Applications and

.5 credit of Personal Finance

Physical Education 1.5 Credits

Health .5 Credit---Taken in 8th grade

Careers .5 Credits starting with the Class of 2020

Electives 9.5 Credits (9.5 Credits starting with the Class of 2020)

**TOTAL 26 Credits**

**EQUAL EDUCATIONAL OPPORTUNITY**

The Turtle Lake School District is committed to equal educational opportunity for all pupils in the district. It is the policy of the Turtle Lake School District, pursuant to Section 118.13, Wisconsin Statutes, and P-I9 Wisconsin Administrative Code, that no person, on the basis of sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional, or learning disability, may be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational, or other program or activities.

**AGRICULTURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ANIMAL SCIENCE**

Grades 9-12……………………………1/2 credit

Length: Semester

Animal Science will focus on applying scientific concepts such as the scientific method; taxonomy and classification; biological systems; anatomy and physiology; nutrition and genetics in relation to livestock animals. Other focuses of the class will be the care and proper handling of other domestic animals such as cats, dogs, reptiles, etc. Students will have opportunities to explore the world of animal science through field trips, guest speakers, and hands-on learning.

**FOODS I**

Grades: 9-12…………………………….1/2 credit

Length: Semester

The Foods I class will be a fun learning class of food basics and food preservation. This class will meet in the food lab on the lower level of the building. Basic recipe following and kitchen rules will be discussed. As thee class advances, food preservation techniques will be demonstrated such as canning and dehydration of foods like jerky and fruit.

**GREENHOUSE/HORTICULTURE**

Grades: 9-12……………………………1/2 credit

Length: Semester

This is definitely the class for the plant enthusiast! Spring planting for Easter lilies and bedding plants will be managed along with helping the Turtle Lake Community Garden Club. We will be experimenting with bulbs and exotic plants. Basic plant structure and basic plant identification will be learned. There will be field trips to large plant nurseries in the area.

**ART\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**CERAMICS 1 & 2**

Grades 11-12………………………….….1/2 credit

Length: Semester

Ceramics is the art of making objects with clay that is finished by firing. In this class students will experience the properties and possibilities of clay as they create pottery and sculpture projects. Hand building and wheel throw techniques will be demonstrated. Student will be encouraged to create forms that are both functional and decorative. Ceramics 2 students will have the opportunity to work on projects of their interest including more advanced throwing and glazing techniques. Upper level students are also expected to participate in clay preparation, studio maintenance, loading and unloading the kiln.

**DRAWING**

Grades 9-12…………………………….1/2 credit

Length: Semester

Drawing is a skill used to express one’s ideas visually and is the foundation for artistic practice. In this class students will learn about drawing as an art form and tool for developing and communicating ideas. They will gain experience using a variety of materials that may include pencil, charcoal, colored pencil, pastel, pen, and ink. Studio projects are designed to allow students to practice new techniques and master skills. A sketchbook and portfolio will be kept throughout Drawing for planning, practice and assessment. Advanced students will have the opportunity to apply their drawing skills through self-determined subjects and media to further develop and communicate their artistic vision.

**PAINTING 1 and 2**

Grades 10-12….………………………….1/2 credit

Length: Semester

This course is an exploration of the techniques and materials of painting. Students will explore color theory, composition, and the process of painting in several painting media including tempera, acrylic, and watercolor. Painting subjects and styles will be studied including the work of important artists. A sketchbook and portfolio will be kept for ideas, assignments and assessment. Painting 2 gives artists opportunity to practice advanced techniques, develop personal vision, and concentrate on a particular media or theme.

**BUSINESS, MARKETING, & INFORMATION TECHNOLOGY\_\_**

**ADVERTISING**

Grades 9-12…..…………………………...1/2 credit

Length: Semester (taught every other year 2018-19, 2020-21)

Enrollment Limit: 20

This course is a continuation of marketing focusing on more specific areas of marketing. It is recommended that students take marketing as a prerequisite to advertising. Students will apply the marketing mix concepts to sports and entertainment marketing, hospitality and tourism marketing, fashion marketing, and retailing. Promotion and advertising will be a primary focus of the course. The course will have a unit on selling techniques. Students will also maintain the school store as a part of this course.

**COMPUTER APPLICATIONS**

Grade 9……..………………………….1/2 credit

Length: Semester

Enrollment Limit: 24

In this course students will learn basic skills in a variety of programs. The course will begin with a brief keyboarding and proofreading review, and quickly move into formatting, word processing, spreadsheets, databases, presentations, digital citizenship/Internet basics, desktop publishing, and video editing. The course will also cover IT terminology, MS Windows OS features, ethics, and organizational skills. Students will be using MS Office 2016 software. This class can be taken for 2 WITC credits upon successful completion.

**DIGITAL COMMUNICATIONS**

Grades 9-12………………………….1/2 credit

Length: Semester

Enrollment Limit: 24

This course will be a catch all for the digitally creative. This course will be replacing the print yearbook with a digitally created yearbook. Students will be responsible for documenting the school year on camera (photo and video). Students will use digital camera equipment to capture eye appealing content. Students will learn photo/video editing techniques using industry software (Adobe Photoshop and Premiere). Students will combine video clips and photos to create chapters on a DVD highlighting events and activities from the school year. The senior graduation video and senior book will also be created in this course.

**INTRO TO COMPUTER PROGRAMMING**

Grades 9-12…..…………………………...1/2 credit

Length: Semester (taught every other year 2018-19, 2020-21)

Enrollment Limit: 24

This course will teach a variety of concepts from the technological world. There will be a unit on basic web design and html, a unit on game design, and a unit on introductory programming concepts. If time allows there will also be a unit on the “Internet of Things” which explores the various types of technologies that interconnect people, places, and things to the Internet creating a SMART world.

**IT ESSENTIALS**

Grades 9-12…..…………………………...1/2 credit

Length: Semester (taught every other year 2018-19, 2020-21)

Enrollment Limit: 15

This course offers hands-on learning experiences in the growing industry of information technology. The curriculum is provided by CISCO and is an introductory training course to prepare students for future certifications in the information technology field (EUCIP, Comp TIA A+). Students will begin by disassembling computers and learning to identify the various hardware components. Students will then learn a variety of tools that are used and basic troubleshooting and maintenance techniques. Students will then reassemble the computers and continue with installing operating systems and features. Students will also have the opportunity to disassemble laptops and work with other portable devices, printers, and scanners. The course will end with learning basic networking and security concepts. There will be an emphasis placed on hands on experience through the completion of labs. This class can be taken for 2 WITC credits upon successful completion.

**MARKETING**

Grades 9-12…..…………………………...1/2 credit

Length: Semester (taught every other year 2018-19, 2020-21)

Enrollment Limit: 20

In this course students will learn basic business and marketing concepts including economics, free enterprise, and supply and demand. Students will explore the functions of marketing focusing on the marketing mix. Students will learn about target marketing and work on a marketing research project. Students will create a product and determine how to distribute, price, and promote that product. Students will have the unique opportunity create products and sell them through the school store in effect becoming entrepreneurs and operating their own school-based business. This class can be taken for 3 WITC credits upon successful completion.

**PERSONAL FINANCE**

Grades 11-12…..…………………………...1/2 credit

Length: Semester

Students will improve in financial literacy skills throughout this course. Concepts include learning about your consumer role, financial responsibilities, managing your money, career planning, pay and benefits, taxes, budgeting, checking and banking services, saving and investing, credit management and loans, buying a car, housing options, and insurance. A project/simulation will incorporate all the units. The overall mission of this course is to prepare students for their futures as responsible and productive citizens. This class can be taken for 3 WITC credits upon successful completion.

**PHOTOGRAPHY**

Grades 9-12…..…………………………...1/2 credit

Length: Semester

Enrollment Limits: 12

This course will expand how students currently use cameras and take photos. The focus will be on learning to use digital photo and video cameras to capture a variety of subjects. We will further explore the settings of cameras and types of photography. We will work with Photoshop and learn a variety of techniques to use with photos. If time allows students will also be introduced to Illustrator. Students will create a portfolio of high quality images showcasing creativity and various techniques. Additionally students will document the activities and events of the school year that will be used by the digital communications class to create a digital yearbook.

**ENGLISH\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**AP ENGLISH LANGUAGE AND COMPOSITION**

Grade 11-12……………………………………….1 credit

Length: 1 year

Prerequisites: English 9, 10,

The AP English Language and Composition course aligns to the introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

**ENGLISH 9**

Grade 9 ……..…………………………….. 1 credit

Length: Year

In English 9 students will be starting the year with a look at racism in America through the book *To Kill a Mockingbird.* After students are done with that they will transition to impromptu speaking in order to practice getting comfortable speaking in front of others. They will then head into writing a persuasive paper on a topic of their choice. By this time Christmas will be rolling around and the freshman will be working on Poetry included reading and recording their own poems. After Christmas they will begin a WW2 unit where they get to look at both sides of the war. When that is done, they will be working on a research paper about a topic relating to something that has been read this year. We will transition into old english by reading *Romeo and Juliet,* and end the year exploring short stories from many different eras.

**ENGLISH 10**

Grade 10...…..…………………………….. 1 credit

Length: Year

Prerequisite: English 9

This year-long course focuses on improving the student’s language arts knowledge and skills so they meet the common core standards for 10th grade. Students will begin the year with a quarter long narrative writing unit, wherein they will be creating/composing an autobiographical portfolio—they will need to be asking parents some questions and it will be an enjoyable way to communicate. During the second and third quarter, students will read the American standard, *To Kill a Mockingbird,* and will create a multiple intelligence project from it. Next, students will research a possible career for their futures and write an MLA research, then present their findings in a speech. We will complete the year by reading and analyzing FDR’s “Four Freedoms Speech,” and reading Shakespeare’s *Julius Caesar.*

**ENGLISH 11**

Grade 11….…..…………………………… 1 credit

Length: Year

Prerequisite: English 9, 10

This junior-level course focuses on improving students’ language arts knowledge and skills, so that they meet the common core expectations for 11th grade. Students will begin the year with an extensive exploration of American Literature—from Native American storytellers to the contemporary novel, *The Glass Castle.* Next, we will review the MLA format with a short research paper followed by a creative writing unit. Additional instruction includes and ACT review, and the reading and analysis of the historical document, “Letter from a Birmingham Jail”. We will complete the year learning about American minority authors and reading the fantastic play that explores the complexities of racism and discrimination, *A Raisin in the Sun.*

**ENGLISH 12**

Grade 12……..……………………………. 1 credit

Length: Year

Prerequisite: English 9, 10, and 11

In English 12 students will be starting out by preparing for the real world. They will be constructing cover letters and resumes, participate in mock interviews, along with doing some technical reading and writing that will prepare them for life

after high school. From there, the students will be reading, discussing and presenting children’s literature and understand how important that kids read or be read to when they are young, and how authors get their message across at a younger age. We will then transition to an American Ethnic Literature Unit where students will be reading a variety of different text that include the different cultures of the United States. This will help prepare them for dealing with people of other cultures in the workplace. They will then write a persuasive paper on a social issue of their choice. They will end the year by reading a selection of British short stories and poems and break into groups in order to end with a monster novel and presentation along with creating their own monsters.

**FOREIGN LANGUAGE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SPANISH I**

Grades 9-12…………………….....1 credit

Length: Year

Enrollment Limit: 20

Students will learn basic vocabulary and sentence structures through games, songs, readings, videos, web sites, texts, direct instruction and Total Physical Response. The focus of the class will be on pronunciation, basic vocabulary and grammar rules, simple communicative tasks and conjugation in the present, present progressive and simple future tenses. Students will be expected to read, write, respond to oral cues, perform, and speak in the target language.

**SPANISH II**

Grades 10-12………………………………..1 credit

Length: Year

Enrollment Limit: 20

Prerequisite: Spanish I

Students will continue to foster their enjoyment of Spanish by reinforcing concepts and structures from Spanish I through the use of games, songs, readings, videos, web sites, texts, direct instruction, and Total Physical Response. We will continue to learn new vocabulary and verb tenses with special emphasis on irregular verbs and the preterit and imperfect tense. Through the use of realia and role playing in the target language, students will increase their proficiency in reading, writing, listening, and speaking.

**MATH\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ALGEBRA I**

Grade 9……….………………………. 1 credit

Length: Year

Prerequisite: Successful completion of 8th grade math or pre-algebra

This course will include the study of operations with integers, problem solving strategies, area and perimeter, sub problems, patterns, linear equations, algebraic expressions and equations, ratios, and similarity, systems of linear equations, slope, slope-intercept from, factoring, exponents, and quadratic equations. Algebraic topics spiral throughout, so students continually develop and review their knowledge using applications of geometry, probability, and statistics.

**ALGEBRA II**

Grade 10-11…………………………….. 1 credit

Length: Year

Prerequisite: Geometry or consent of instructor (may be taken concurrently with Geometry)

This course will include the study of functions using multiple representations, linear and quadratic functions, arithmetic and geometric sequences, discrete and continuous functions, exponential functions, transformations of graphs including parabolas, cubics, exponentials, and rational functions, linear systems, logarithms and other inverse functions, polynomials, general systems of equations, and matrices.

**CALCULUS**

Grade 12……………………….………… 1 credit

Length: Year

Prerequisite: Pre-Calculus

This course will include the study of change functions, the relationship between distance, velocity, and acceleration, Riemann sums, limits, continuity, instantaneous rates of change, derivatives, curve analysis, advanced derivative tools, applications of derivatives, area functions, area between two curves, integration tools, and applications of integration.

**GEOMETRY**

Grade 10………….………………….. 1 credit

Length: Year

Prerequisite: Successful completion of Algebra or instructors approval

This course will include the study of coordinate grids, perimeter, area and the Pythagorean Theorem. Linear and quadratic equations, graphing, logical argumentation, problem solving, patters, properties of angles and lines, spatial visualizations, surface area, volume, properties of circles, geometric probability, theorems, area, volume, similarity, trigonometry, deductive reasoning, and geometric proofs will also be covered. Geometric topics spiral throughout, so students continually develop and review their knowledge using applications of algebra, probability, and statistics.

**JR/SR MATH**

Grades 11-12………………………………. 1 credit

Length: Year

Prerequisite: Geometry or consent of instructor

This course will help students to develop problem-solving skills and gain an appreciation for the application of mathematics in their lives and in the world around them. The topics in this course will depend on the interests and abilities of the students. The topics will include applications of algebra and geometry, financial math, and the use of a spreadsheet as a computational tool.

**PRE-ALGEBRA**

Grade 9……………………………………1 credit

Length: Year

Prerequisite: Teachers’ recommendation

Students will find out for themselves how Algebra fits into their lives, overcoming the attitude that “I’ll never use it again.” Students’ progress from arithmetic to generalization involving variables and finally to more formal algebraic brain manipulations, including equations by writing, graphing, and solving them. Algebraic topics spiral throughout, so students continually develop and review their knowledge using applications in geometry, probability, and statistics.

**PRE-CALCULUS**

Grades11-12……….…………………….. 1 credit

Length: Year

Prerequisite: Algebra 2

This course will include the study of trigonometric functions, analytic trigonometry, linear and exponential modeling, programming on the TI-83+ graphing calculator, transformation of functions, area under a curve, logarithms and exponents, algebra tricks, and an introduction to limits.

**STATISTICS**

Grades 9-12………………………………. 1 credit

Length: Year

Prerequisite: Algebra I

This course will include descriptive statistics for one-variable data and two-variable data, comparing one-variable samples, modeling one- and two-variable data, sample-to-sample variability, experimental and theoretical probability, counting principles, probability distributions, confidence intervals, sample size and an introduction to hypothesis testing.

**MUSIC\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**BAND**

Grades 9-12 ………..……………………….. 1 credit

Length: Year

Prerequisite: Previous year in Band, or Band experience

High school band is a vehicle that allows students to participate in a group activity playing a musical instrument. Music is prepared for presentation throughout the year. Opportunity is also provided for solo and small ensemble participation. The players may also perform at large group festival based on the discretion of the director. A student must have acquired a certain level of proficiency on the instrument before they can participate in band. This includes Marching Band and Pep Band performances throughout the year.

**CHORUS**

Grades 9-12 ………..……………………….. 1 credit

Length: Year

Open to all students. Students will participate in the following concerts: Fall, Christmas, spring, large group festival (depending on the year), as well as perform at graduation. Students may also participate in solo and ensemble. Choir is a great place to meet new people and share the joy of making music.

**MARCHING BAND AND PEP BAND**

Students, grades 9-12, combine to form a marching band and pep band. The groups perform at athletic functions with the marching band performing at a couple of parades, to gain additional knowledge of various musical experiences. Marching band performs in the fall with Pep Band playing at most varsity home games.

**PHYSICAL EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**9-12 PHY ED**

Grade 9-12………………….………………1/2 credit

Length: Semester, can be taken for entire year

9-12 physical education is the basic course in high school physical education. Many new concepts and movement forms will be introduced within this course as well as the development of previous skills learned. Students in this class will focus on achieving healthy lifetime fitness skills, knowledge and skills in a variety of activities, and learning within the physical education scope and sequence. Many aspects of being a lifetime health advocate such as personal fitness goals, 5 components of fitness and exhibiting a physically active lifestyle are the main focus within 9-12 physical education.

This class may include the following activities: Archery, disc golf, snow shoeing, cross country skiing, canoeing, roller blading, table tennis, rock wall, biking, soccer, flag football, golf, volleyball, fitness, dance, water safety, basketball, gymnastics, badminton, pickle ball, track and field, softball, weight training, floor hockey, CPR, AED, and first Aid.

**FITNESS**

Grades 9-12………………………………………...1/2 credit

Length: Semester

Fitness is a class designed for students to learn and focus on skills that will improve their overall fitness levels. Students in this class will learn about the 5 components of fitness and develop plans that will strive to improve each of these 5 areas. The Bigger Faster Stronger weight training program will be utilized in this class to develop proper muscular strength, endurance, and flexibility. Speed and agility training will also be used to improve on student’s quickness as well as cardiovascular fitness. The goal of this course is to develop an understanding in students that physical activity provides opportunities for enjoyment, challenge, self-expression, and positive social interaction.

**LIFETIME SPORTS**

Grades 9-12…..…..…………………….. .1/2 credit

Length: Semester

Lifetime Sports is a course designed for the individual learner with a focus more on personal activities related to fitness. Students in this class will focus on achieving healthy lifetime fitness skills, knowledge and skills in a variety of activities, and learning within the physical education scope and sequence. Many aspects of being a lifetime health advocate such as personal fitness goals, 5 components of fitness and exhibiting a physically active lifestyle are the main focus within lifetime sports.

This class may include the following activities: Archery, softball, fishing, golf, horseshoes, tennis, canoeing, dance, cross country skiing, snow shoeing, cardiovascular fitness (hiking, swimming, biking), badminton, pickle ball, weight lifting, gymnastics, table tennis, volleyball, and basketball.

**TEAM SPORTS**

Grades 9-12………………………………1/2 credit

Length: Semester

Team Sports is a course designed to develop previously learned motor skills/movements and transform them into higher more proficient levels. These skills will be put to use within the course in team type activities/settings designed to incorporate higher level learning as well as responsible personal and social skills.

This class may include the following activities: Volleyball, basketball, flag football, flicker ball, ultimate frisbee, table tennis, speedball, soccer, team handball, water games, volleyball, water polo or basketball, badminton, pickle ball, la crosse, softball, and floor hockey.

**SCIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**ANATOMY AND PHYSIOLOGY**

Grade 11-12……………………………….1 credit

Length: Year

Anatomy and Physiology is an elective science class intended for students who are interested in studying more about the human body and how it works. This course will study each major human body system, including its cellular and organ structures and functions. Anatomy and Physiology is a course that will teach you more about yourself, structural makeup, and how you physically work.

**AP CHEMISTRY**

Grade 11…………………………………1 credit

Length: Year

Prerequisite: Chemistry with a grade of B or higher and instructor approval

AP Chemistry is the second class of two year sequence designed to prepare student to take the AP Chemistry test in May. Topics covered include chemical structure, advanced equilibrium, weak acids and bases, and thermochemistry. Successful completion of the AP Chemistry test will lead to college credit.

**AP PHYSICS**

Grades 12…………………………….....1 credit

Length: Year

Prerequisite: Approval of the Math and Science faculty

AP Physics is a yearlong class designed to prepare students to take the AP Physics test in May. Topics covered include Vector Analysis, Kinematics, Forces, Energy, Circular Motion, Momentum, Waves, and Electricity. This class is heavily lab based, and those labs are almost exclusively self-guided. Successful completion of the AP Physics test will lead to college credit.

**BIOLOGY**

Grade 9………..………………………….1 credit

Length: Year

Prerequisite: Science 8

Biology is the required ninth grade science class. This course will review the characteristics, processes, and diversity of life on Earth. The course is intended to be a challenging review and introduction to important biological ideas. Units of study in Biology will include: Introduction to Biology, Energy and Cells, Genetics and Heredity, Evolutionary Relationships, Life Functions of Organisms, Controlling Living Systems, and Interactions in the Environment. Major projects in this class will include the Fast Plant Growth Lab and the dissection of animals from different groups in the Animal Kingdom.

**CHEMISTRY 1**

Grades 10………………………………..1 credit

Length: Year

Prerequisite: Biology with a grade of B or Higher

Chemistry is a yearlong class that provides students a solid foundation in chemistry. Topics will include chemical reactions, the periodic table, chemical bonds, stoichiometric, solubility, equilibrium, redox reactions, acid/base reactions, and organic chemistry.

**ENVIRONMENTAL SCIENCE**

Grades 11…………………………………1/2 credit

Length: Semester

Prerequisite: Biology

Environmental Science is an elective science course intended for students who are interested in the interactions of living and non-living parts of nature. Students will study ecological relationship and explore the significance of all biotic and abiotic factors on Earth.

**INTRODUCTION TO CHEMISTRY AND PHYSICS**

Grade 10……………………………………..1 credit

Length: Year

Prerequisite: Biology

Introduction to Chemistry and Physics is an introductory physical science course. Fall semester will focus on Chemistry, including the structure of atoms, the periodic tables, chemical reactions, and stoichiometry. The spring semester will focus on Physics, including Kinematics, Forces, Energy, Waves and Optics. All students will build a marble roller coaster as part of the spring semester.

**ZOOLOGY**

Grades 11…………………………………..1/2 credit

Length: Semester

Prerequisite: Biology

Zoology is an elective science class intended for students who are interested in studying about animals. This course will investigate the taxonomy, characteristics, and examples of the simplest to most advanced animals on Earth. Throughout this course students will compare and contrast animals to each other and recognize the connection each have with the others. Major projects of the course will be an insect collection and dissecting animals from various animal groups.

**SOCIAL STUDIES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**20TH CENTURY STUDIES**

Grade 9………………………………….1 credit

Length: Year

This course provides a one-year analysis of American history from the Civil War to the present day, with an emphasis on the twentieth century. Using a wide range of resources, primary documents and current events, students learn about the various political, social, and economic developments that have shaped and continue to shape the United States.

**21ST CENTURY AMERICA**

Grade 10-12……………………………….1/2 credit

Length: Semester

This course will focus on the important people, events and issues that have shaped our country and world since the turn of the century. The September 11 attacks and the ensuing war on terror, the war in Darfur, the invention of Facebook, Hurricane Katrina, the capture and execution of Saddam Hussein, the election of Barak Obama, the Arab Spring and the Syrian war, the death of Osama bin Laden, the Benghazi attack, Hurricane Sandy, the rise of ISIS, Boston Marathon bombing, Zika outbreak, the election of Donald Trump, tensions with North Korea and the Las Vegas massacre are some of the events that will be covered.

**AP PSYCHOLOGY**

Grades: 11-12…………………………1 credit

Length: Year

Prerequisite: Instructor’s Permission

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

**CIVICS**

Grade 10…………………………………….1 credit

Length: Year

The study of civics focuses on knowledge about citizenship and how we can become effective citizens, the connections between our political system, our economy, our society, and our lives, and the development of skills needed to take action involving problems and improving our own community.

**GLOBAL STUDIES**

Grade11-12.………………………………….1 credit

Length: Year

Global Studies utilizes the science of geography to understand the world around us and how it affects our everyday lives. Geography is the study of the earth and how people live and work on it. Using the five themes of geography (location, place, human-environment interaction, region, and movement) students will explore the regions of the world with respect to culture, economy, topography, geography, climate, and environmental issues.

**INTRODUTION TO CRIMINAL JUSTICE**

Grade 10-12……………………………….1/2 credit

Length: Semester

This course provides an introduction to the inner workings of the three major functions of the criminal justice system in the United Sates: Law Enforcement, Courts and Corrections. It will give students an overview of policing in America and criminal investigations. The course will also focus on the realities of enforcement and the apprehension of criminals at the federal, state and local level. It will also discuss and explain the prosecution, disposition and incarceration of those suspected of committing criminal offenses.

**TECH ED\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**CAREERS & TECHNOLOGY**

Grades 9-12…………………………….1/2 credit

Length: Semester

In this course you will engage in career planning and goal setting for your future while utilizing MS Office and other technologies. You will create an individualized learning plan (career pathway/map) to help you schedule the appropriate courses in high school that can help you achieve your career options. You will complete a job shadow to see first-hand what skills are needed in the workplace, create job campaign materials (job applications, resume, cover letter, follow up letter, reference list), participate in mock job interviews with local employers, and compile a portfolio of artifacts to use when interviewing for scholarships, jobs, or post-secondary programs.

**FAB LAB—ENTREPRENEUR**

Grades 10-12

Length: Year……………………………1 credit

The student will be employing he equipment in the Fab Lab to design and build objects to sell for a profit through our school store. This class will be run in conjunction with the Marketing course to allow student to see a product designed, marketed and produced.

**HTMAA (How to Make Almost Anything)**

Grades 10-12

Length: Semester………………………1/2 credit

This is a hands-on course where you will learn the Digital Design and Fabrication Process. This includes learning and using the Engineering Design Process, 2-D and 3-D design software, and a variety of machines (vinyl cutters, laser cutter, mini-mills, 3D printers, and CNC routers).

**HTMAA MECHANICAL**

Grades 10-12

Length: Semester

This is a one-semester class where students will use the knowledge gained in “HOW TO MAKE ALMOST ANYTHING” and apply it to designing and making mechanical toys. Focusing on CAD software (SolidWorks) students will learn design and fabricate a variety of children’s toys, culminating with each student building their own piece of a class wide Rube Goldberg Device.

**METALS**

Grades 9-12…………………………….1/2 credit

Length: Semester

Students will explore careers related to metals and identifying supplies and equipment needed in this field. The students will spend a majority of this class in the shop gaining hands-on experience with metal working. Students will oxy-acetylene, wire feed, and Arc weld as well as performing cutting and brazing. Basic layout and sheet metal work will be used to make a tool box project. Time is allowed for projects of the student’s choice.

**WELDING FOR MECHANICS (WITC credit)**

Grades 9-12……………………………….1/2 credit

Length: Semester

In this course students will continue to learn materials and techniques used in welding related fields. Students will work with machinery and processes associated with the welding industry such as layouts, separating, GMAW, SMAW, Oxy/Fuel and other processes. Students will use these processes to build projects that will reinforce these concepts. This course will be teaching the curriculum from WITC’s Welding for Mechanics course. Any student passing this course with a grade of B or better will be eligible to receive 2 technical college credits from WITC.

*The School District of Turtle Lake does not discriminate on the basis of sex, race, color, age, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability.*