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**AUBURNDALE**

**SENIOR HIGH SCHOOL**

***2016-2017***

**COURSE DESCRIPTION**

**&**

**REGISTRATION HANDBOOK**

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**Dear Students and Parents:**

It is time to begin planning for the 2016-2017 school year. This booklet is provided to assist you in selecting the classes in which you would like to enroll. Your teachers, counselors, and I are willing to assist you in this process.

Please take the time to read and understand the information in this booklet so that you may make informed decisions regarding course selection. Do not hesitate to call on the resources available here at school for assistance. Be sure to familiarize yourself with all graduation requirements as they relate to total credits and required classes. For those considering furthering their education through technical colleges, universities, or other post-secondary educational programs, please review individual school requirements closely with your counselor.

Sincerely,

James Delikowski Jonni-rae Grancorvitz

High School Principal High School Counselor

# Counseling Procedures

This guidebook has been prepared by the administration and staff to assist you in planning your educational program for the next school year. Please study the entire booklet carefully before making decisions on courses you plan to request. It is your responsibility to select the courses that will meet Auburndale Senior High's graduation requirements and that will best meet your needs based upon your interests, aptitudes, abilities, and future plans. It is also your responsibility to return your completed materials at the time specified. Your teachers, counseling department, and parents will help you with your selections. Before making any course selections, you will want to consider the following:

1. Know what the requirements are for graduation from Auburndale Senior High. Are you meeting these in your planning? This is your responsibility.
2. Before selecting a course, check the course description. Does it meet your needs based upon your future plans? Do you have the proper prerequisites for each selected course?
3. Get teacher approval for courses that require teacher consent.
4. See the counseling department for help if you are in doubt about credits for graduation, college, tech schools, apprenticeships, or future employment options.
5. Plan ahead, not just for next year, but also for your entire high school career and for your future educational and career plans. Keep your options open by taking a challenging curriculum in the academic and technical areas.
6. Students who sign up for full year courses are expected to complete both semesters. The only exceptions are when a student is repeating one semester due to failure, the student is misplaced, or if the counseling department determines that the student is to complete only one semester.
7. Selecting a course does not guarantee that you will actually be scheduled into that course. While every effort will be made to honor student requests, it is impossible to guarantee that all such requests will be honored. When conflicts occur, your counselor will help you select from alternative course options.
8. The following information is supplied to assist you in making decisions related to career and post-secondary schooling options. For more specific information regarding individual career choices, consult individual post-secondary school catalogs or see your counselor. For many technical college programs students should follow the college program curriculum. The post-secondary school catalog should be consulted to assure proper choices.

# Graduation & College Admission Requirements

Auburndale High School

Graduation Requirements

English 2 credits

 +Literature 1 credit

 +Composition 1 credit

Math 3 credits

Science 3 credits

Social Studies 3 credits

Physical Education 1.5 credits

Healthy Choices .5 credits

Personal Finance .5 credits

Fine Arts .5 credits

 \*Art

 \*Music

 \*Foreign Language

Technical Arts .5 credits

 \*Agriculture

 \*Family & Consumer Science

 \*Technology

 \*Business

Electives 8.5 credits

 **25 credits**

**All students are required to complete 40 hours of Community Service as a Graduation Requirement. Please submit your hours to the Counseling Office.**

UW-College & Technical College Admission Requirements

\*Minimum of 17 credits\*

English 4 credits

Math 3-4 credits

Science 3-4 credits

Social Studies 3-4 credits

Electives 4 credits

UW-Madison Requirements

English 4 credits

Math 4 credits

Science 4 credits

Social Studies 4 credits

Foreign Language 2+ credits

Electives 2+ credits

*\*Foreign Language is not required by most*

*UW-Colleges, but it is recommended!*

# Agriculture Department

Graduation Requirement: 0.5 Credits of Technical Education

(Agriculture, Business, Family & Consumer, OR Technology)

Critter Companions

Course of Horse

WI Forests & Beyond

Wildlife Ecology

Large Animal Science

Horticulture

Alternative Energy

Veterinary

Science

Landscape Design & Practice

Greenhouse Management

Harvest, Process,

Preserve

**Alternative Energy (TC)**

AGR130 Grades 10th -12th

Semester Course Credits: 0.5

 In this course, students will investigate the need for renewable energy systems and emerging careers in renewable energy. Students will examine the basic design, cost, and other considerations associated with photovoltaic, wind, and biogas electrical generation systems. In addition, students will evaluate the basic design, cost, truths and myths associated with solar thermal, geothermal, and biomass heating and cooling systems. Students will also explore the production and use of alternative transportation fuels.

*For students in Grades 11 and 12, successful completion of this course can earn college credit at Mid-State Technical College. Students in Grade 10 are not eligible for course credit at Mid-State Technical College; however, they are welcome to register for this course.*

**Critter Companions**

AGR100 Grades 9th -12th

Semester Course Credits: 0.5

 This course will allow students to learn about practical pet care for companion animals. Opportunity will be provided for students to bring animals to class and demonstrate their knowledge of pet care. We will study units on dogs, horses, cats, calves, fish, and exotics. The areas of feeding, breeds, housing, and preventative maintenance will be discussed.

**Course of Horse**

AGR140 Grades 9th -12th

Semester Course Credits: 0.5

Offered 2016-2017

 This course will take an in depth look at the horse industry. It is designed for students who have a great interest in horses. Topics include horse judging, tack and equipment, stable management, veterinary practices, record keeping, anatomy, riding, and proper care and management of the Horse. Students will have hands on opportunities at a local stable in which they will be experiencing: riding, foaling, & shoeing.

**Greenhouse Management**

AGR300 Grades 11th -12th

Semester Course Credits: 0.5

*Prerequisites: Horticulture*

 The production of plants is one of agriculture's largest industries. Students will build upon their knowledge of horticulture, gaining experience in running, maintaining, and making the day-to-day decisions necessary to manage a greenhouse. Advanced floral arrangement and marketing plants will also be explored and experienced.

**Harvest, Process, Preserve**

AGR320 Grades 10th-12th

Semester Course Credits: 0.5

*Prerequisites: Large Animal Science*

 This course is for students who want to learn more about preserving agricultural products and commodities. We will research how a raw product is harvested, processed, & marketed. This will be “from the farm to the table” approach of Ag products. We will study what buyers look for when purchasing raw commodities and how the producer can sell high quality goods. During this class, we will take products from the garden, pasture, and field; study their make-up; and transform them into value added products that are typically preserved and consumed in our society.

**Horticulture (TC)**

SCI320/321 Grades 10th -12th

Full-year Course Credits: 1.0

 This class uses applied scientific application of plant sciences surrounding the stewardship of the land in soil, water, wildlife, and forestry. Infusion of horticultural practices occurs throughout the course. The course uses these practices to develop life-long skills in landscape design, plant care, and environmental awareness. This course also develops the student's competencies in the highly technical science fields of plant propagation and taxonomy. *Can be used as a science credit* ***only*** *in 11th & 12th Grade.*

*For students in Grades 11 and 12, successful completion of this course can earn college credit at Mid-State Technical College. Students in Grade 10 are not eligible for course credit at Mid-State Technical College; however, they are welcome to register for this course.*

**Landscaping Design and Practice**

AGR210 Grades 11th -12th

Semester Course Credits: 0.5

Offered 2016-2017

*Prerequisites: Horticulture*

 Through lab-based experiences students will create landscape designs on both paper and computer models. Students will also implement projects for home, community, or school improvement. Students will be engaged in hands on landscape construction activities during the final month of the semester and will get dirty. Outdoor projects are a major portion of the course.

**Large Animal Science**

AGR200 Grades 10th -12th

Semester Course Credits 0.5

 Dairy, beef, poultry, swine, sheep, and exotic animals will be the focus of study in this applied course. We will look at different breeds and discuss feeding, breeding genetics, handling, housing, and health. We will be taking several field trips to area farms and businesses providing a hands-on approach to our study of animals.

**Veterinary Science**

AGR310 Grades 10th -12th

Semester Course Credits: 0.5

*Prerequisites: Large Animal Science*

 This course will actively gain skills and knowledge, and terminology related to animal health and veterinary medicine through animal labs, demonstrations, and partnerships with local veterinary clinics and veterinarians. Hands-on labs and job shadowing will be major portions of the course.

**Wildlife Ecology**

AGR120 Grades 9th -12th

Semester Course Credits: 0.5

Offered 2017-2018

 This course will take an in depth study into animal and fish habitats and the role they play with every person in Wisconsin. Students will be exposed to a wide array of wildlife management issues, government programs, and careers. Students will be engaged in wildlife habitat construction and population counts.

**Wisconsin Forests and Beyond**

AGR110 Grades 9th -12th

Semester Course Credits: 0.5

Offered 2017-2018

 This class takes an in-depth study into tree identification, woodlot management, forest ecology, multiple forest practices, chainsaw safety and use, urban forestry, tree biology, careers, and more! Students will be responsible for performing a forest education day for kindergarten students. Students will be involved with the management of school forest logging plan, as well as hands on forest industry activities.

# Art Department

Graduation Requirement: 0.5 in Fine Arts Education

Advanced Drawing & Painting

Advanced Ceramics

 Drawing & Design

Painting

Ceramics

Sculpture

Art Metals

Independent Study

AP Studio Art

Drawing/2-D/3-D

(Art, Music, OR World Language)

**Drawing & Design**

ART100 Grades 9th -12th

Semester Course Credits: 0.5

 Drawing & Design focuses on developing technical and expressive abilities in drawing using basic tools and materials such as pencil, pen and ink, chalk, and paint. An emphasis is placed on composition and exposure to different styles and works in drawing while utilizing the elements of art and principles of design.

**Painting**

ART200 Grades 9th -12th

Semester Course Credits: 0.5

*Prerequisites: Drawing & Design.*

 This Painting course consists of developing various painting techniques and expressive abilities using tempera, acrylic, oil, and watercolor paint on masonite, paper, wood, canvas and other surfaces. Students will experiment with different styles of art in relationship to historical schools of painting as well as learn about and participate in critiques.

**Ceramics**

ART210 Grades 9th -12th

Semester Course Credits: 0.5

*Prerequisites: Drawing & Design.*

 This Ceramics course will provide the opportunity for students to work with 2 and 3-dimensional forms. The focus will be on hand-built as well as wheel thrown works; giving students experience in creating functional as well as sculptural pieces. Well thought out forms, designs and functional uses, along with good craftsmanship, are emphasized. Students will learn about and participate in critiques.

**Sculpture**

ART220 Grades 9th -12th

Semester Course Credits: 0.5

*Prerequisites: Drawing & Design.*

 This Sculpture course will provide the opportunity for learning sculpture techniques using a multitude of materials; from paper, cardboard, and wood, to glass, clay, and plaster, to name a few. Emphasis will be on composition and quality craftsmanship as well as how to apply design elements and principles to an understanding of both relief and sculpture-in-the-round as they relate to depth and space. Techniques for architectural design, glass fusing, additive and subtractive sculpting, wood bending, and large builds will be a focus. Students will learn about and participate in critiques.

**Art Metals**

ART230 Grades 9th -12th

Semester Course Credits: 0.5

*Prerequisites: Drawing & Design*

 This Metals course consists of exploring the fundamentals of design and construction using non-ferrous sheet metal and wire as well as miscellaneous metal and found objects to create hollowware, jewelry, and other forms. Basic metal-smithing techniques such as, but not limited to sawing, soldering and riveting, will be utilized to create pieces. Emphasis will be given to design, fabrication, surface treatment and quality craftsmanship.

**Advanced Ceramics**

ART310 Grades 10th -12th

Semester Course Credits: 0.5

*Prerequisites: Ceramics*

 Advanced Ceramics consists of further developing construction methods of hand-built and wheel thrown pieces. Emphasis will be placed on the craftsmanship and quality of a finished piece, as well as its form and function. Students will further experiment with glazing and surface treatment techniques as well as have some individualized work in consultation with the instructor. A major emphasis of the course will be on the development of personal work, leading students to explore artistic interest and intent.

**Advanced Drawing & Painting**

ART300 Grades 10th -12th

Semester Course Credits: 0.5

*Prerequisites: Painting*

 Advanced Drawing & Painting consists of further exploring a variety of traditional and experimental drawing and painting techniques using graphite, charcoal, conte, tempera, acrylic, oil, watercolor, and many other media on masonite, paper, wood, canvas and other surfaces. Students will problem solve a variety of areas such as basic structure and mark-making, elements of space, surface quality, as well as utilizing the elements of art and principles of design. A major emphasis of the course will be on the development of personal work, leading students to explore artistic interest and intent. The critique process will be further explored.

**Independent Study: Art**

ART400 Grades 12th

Semester Course Credits: 0.5

*Prerequisites: Consent of Instructor*

 Independent Study is an advanced course consisting of individualized work chosen by the student in consultation and approval with the instructor. Students will create a professional body of work, with no less than 10 show-worthy pieces, utilizing research and materials of their choice with individualized mentoring from the instructor.

**AP Studio Art Courses**

 Grades 11th-12th

Full-Year Courses Credits: 1.0

*Prerequisites: Consent of Instructor*

Advanced courses in 2-D Design, 3-D Design, & Drawing. Students enrolled in AP Studio Art must show a high level of motivation, independence, and ability to work on their own, both in and outside of class. The advanced level of this class means you will be learning college foundation-level artwork while in high school. A successful completion and submission of a portfolio is required, which, if scored a three or higher, may earn college credit at participating universities. The AP Portfolio requires you, the student, to develop mastery and address in your art three main concept areas: quality, concentration, and breadth. Students will develop verbal and written literacy about their works. Thinking and articulating personal ideas both in writing and in verbal critique/discussions with the teacher, peers, and other mentor groups is also part of this class. As a visual arts course, proper presentation (matting, framing, and exhibiting) and archiving of your artwork will be part of the final cumulating experience.

**Students may earn college credit after successful completion of class and AP Exam.**

ART420/421 **AP** **2-D Design**

 This independent AP class is a studio based visual arts class emphasizing the use of the elements of art and principles of design in an integrative way. This program emphasizes design, skills of seeing and drawing, problem solving, persistence, and personal expression with prominence given to visual thinking, creativity, skill development, and critical analysis. Students will demonstrate their understanding of design principles as applied to a two-dimensional surface. The principles of design can be articulated through the visual elements. Any 2-D processes or medium may be used including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, illustration, painting, printmaking, etc.

ART430/431 **AP 3-D Design**

 This independent AP class is a studio based visual arts class emphasizing sculptural issues and the investigation of the three-dimensional form. Design will address engagement with physical space and materials and involves purposeful decision-making: using the elements of art and principles of design in an integrative way and demonstrating understanding of design principles as they relate to depth and space. This program emphasizes design, skills of seeing and composing 3-D productions, problem solving, persistence, and personal expression with prominence given to visual thinking, creativity, skill development, and critical analysis. The principles of design can be articulated through the visual elements and these issues may be explored though additive, subtractive and/or fabrication processes such as but not limited to figurative or nonfigurative sculpture, architectural models, metal work, ceramics, 3-D fiber arts/fashion, jewelry and body adornment.

ART410/411 **AP** **Drawing**

This independent AP class is a studio based visual arts class intended to address a wide range of approaches and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational and inventive works will be created. The range of marks used to make drawings, the arrangement of the marks and materials used to make the marks are endless. If wishing to include photography, digital or photographic processes must address drawing issues such as those previously listed, as well as mark making.

# Business Education Department

Graduation Requirement: 0.5 Credits of Technical Education

Marketing FEST

 Accounting II

Personal

Finance

Exploring

Business

International

Business

Accounting I

Business Law

Marketing

Principles of

Management

Digital Applications

(Agriculture, Business, Family & Consumer, OR Technology)

**Accounting I**

BUS110/111 Grades 10th -12th

Full-year Course Credits: 1.0

 Accounting is the systematic process of recording and reporting financial events. It is often referred to as "the language of business." Accounting for a sole proprietorship, partnership, and a merchandising business will be covered with additional work on careers, computer applications, and economics. A simulated accounting project will be given to students for practical accounting application.

*For students in Grades 11 and 12, successful completion of this course can earn college credit at Mid-State Technical College. Students in Grade 10 are not eligible for course credit at Mid-State Technical College; however, they are welcome to register for this course.*

**Accounting II**

BUS300/301 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: Accounting*

Offered 2016-2017

 This class deals with the handling of financial information for corporations. Included in the course will be a study of basic economic problems and their relation to the operation of businesses, workflow and financial controls, and theory and practices. Students will use a computer accounting simulation. This course is geared to obtaining employment in accounting or for further study at college or technical school. Additional simulations in cost accounting and voucher systems are provided.

**Business Law**

BUS210 Grade 10th -12th

Semester Course Credits: 0.5

 The objective of this class is to make students aware of both their rights and their responsibilities. Topics covered include: Laws, crimes, misdemeanors, torts, contracts, commercial paper, insurance, binding agreements, buying and selling goods and employment. A trip to the courthouse to watch a trial before the jury is also included as part of this class. If possible, a tour of the jail is taken.

**Digital Applications**

BUS100 Grade 9th-12th

Semester Course Credits: 0.5

 Do you like working with computers? Expand your computer skills and prepare yourself for the working world. Touch method keyboarding, spreadsheets, advanced word processing, presentation software, Microsoft Word and Excel - its all in this class and more! If you are interested in learning more about Microsoft Word, Power Point, and Excel, this class is for you. This course will start your preparation toward MOS Certification (Microsoft Office User Specialist Certificate), an industry standard certification.

**Exploring Business**

BUS140 Grades 9th -10th

Semester Course Credits 0.5

 This course is for students who want to explore business courses and careers but are not sure where to begin. Areas covered include basics in each of the following: management, marketing, finance, law, economics, entrepreneurship, and human resources. This course is recommended for students who are interested in pursuing a career and/or an education in any business field. It is designed to help students acquire more thorough, in-depth knowledge and techniques used in solving business problems and to understand how students’ future careers are impacted by our economy.

**International Business**

BUS200 Grades 10th -12th

Semester Course Credits: 0.5

 This course will help students develop personal leadership skills and creative thinking abilities by participating in activities that will teach them how to be successful employees, managers, and/or entrepreneurs while learning about the functions and principles of businesses and management. Students will learn about the global economy, cross-cultural difference, ethics, international economics, and interdependence. Course content will explore international economics and the impact on entrepreneurs, finance, risk management, human resources, marketing, location, channels of distribution, and social and ethical responsibilities in business. This is an excellent course for anyone who plans to study business at the post-secondary level.

**Marketing (TC)**

BUS120 Grades 11th -12th

Semester Course Credits: 0.5

 Marketing is an integrated part of our everyday life. Businesses utilize marketing concepts to attract customers to purchase their products or services. In this course, students will analyze how companies apply the seven marketing functions to create profit. Students will explore what marketing is, marketing concepts, the free enterprise system and global economics, international trade, sales techniques, advertising, and communication skills. Additionally, students will develop an understanding of various aspects of the marketing field including brand development, channel management, business-to-business marketing, service marketing, and Internet marketing in a hands-on and interactive manner.

**Marketing FEST (TC)**

BUS310 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Marketing*

 Students will explore advanced practices and techniques in marketing. Emphasis will be given in the marketing areas of: Fashion Merchandising, Sports & Entertainment, and Hospitality & Tourism. Students will understand concepts in product development, marketing research, community relations, and integrated technology. Students are expected to develop projects based on real life applications that could apply on a local, collegiate, or professional level.

*For students in Grades 11 and 12, successful completion of this course combined with Marketing can earn college credits at Mid-State Technical College.*

**Personal Finance**

BUS400 Grades 11th

Semester Course Credits: 0.5

*Required for all 11th grade students.*

 This course will prepare students in various areas to live on their own after high school. Topics of study will include personal development, cost of college, responsibility, and how to live on your own. Students will work on budgeting, checking, credit cards, and how to obtain smart investments. We will cover various types of insurance, how to do your own taxes, and what retirement and savings are used for. Students will understand how to select apartments/housing and vehicles and what type of insurance is needed. This course will empower students to assume personal responsibility and plan for financial success in their future.

**Principles of Management (TC)**

BUS320 Grades 11th-12th

Semester Course Credits: 0.5

 This course will help students gain an understanding of the business principles necessary to start and operate a business. Students will develop an awareness of the opportunities for small business ownership and develop a business plan needed to set specific goals for the successful opening of a small business. Research will be completed on several small businesses in the community. Students will explore the traits and characteristics of successful entrepreneurs. Additionally, students will learn about research, planning, operations, and regulations affecting small business success. Time will also be devoted to the understanding of Management Philosophies and organizational structures of business. *For students in Grades 11 and 12, successful completion of this course can earn college credits at Mid-State Technical College.*

# English Department

Graduation Requirements: 4.0 Credits

1.0 Credit of Literature

1.0 Credit of Composition

**Freshman Year Sophomore Year**

English 9

Oral & Written Communications

Intro to Literature

**Junior & Senior Years**

**Must take one credit of literature:**

American Literature

Contemporary Literature

World Literature

British Literature

**Must take one credit of composition:**

Journalism

Technical Writing

Creative Writing

AP English Literature & Composition\*

**American Literature**

ENG400 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Literature*

 Presented in a chronological format, students will explore prominent themes of American culture through the analysis of different short stories, novels, nonfiction, poems, essays, and speeches of historical periods. Emphasis will be placed on the critical and analytical interpretation of American literary selections acknowledged as the “classics.” Through discussion, group work, seminars, and presentations, students will dissect the concept of a work of literature being “American.”

**AP English Literature & Composition**

ENG420/421 Grades 11th-12th

Year-year Course Credits: 1.0

*Prerequisites: Intro to Literature and Oral & Written Communication*

***\*This course will be considered 0.5 credits of Literature and 0.5 credits of composition towards the student’s high school graduation requirements.***

 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 ways 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.

**Students may earn college credit after successful completion of class and AP Exam.**

**British Literature**

ENG401 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Literature*

 Students will explore British Literature that ranges from the 1st Century to the 20th Century. Students will not only focus on the analytical interpretation of the literature, but the events in history that influenced the writing. Through discussion, group work, projects, and presentations, students will examine and learn about the Anglo-Saxons, the Medieval Period, The Renaissance, The Age of Reason, the Romantics, and the Victorians.

**Creative Writing**

ENG410 Grades 11th -12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Literature and Oral & Written Communications*

 Students will become more effective writers by focusing on communication with different audiences for various purposes. Students will write papers in various genres: creative nonfiction, short story, poetry, drama, essay, and children’s literature. Students will learn about the multi-step writing process and will also read, respond, and analyze examples of powerful writing in various genres.

**Contemporary Literature**

ENG402 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Literature*

 Students will focus on evaluating and analyzing various works of fiction, poetry, and nonfiction written in the last 50 years. This course will expose students to a wide sampling of contemporary literature. Along with refining critical thinking skills involved in the interpretation of literature and class discussion, much emphasis will be placed on written reflection and analytical writing.

**English 9**

ENG100/101 Grade 9th

Full-year Course Credits: 1.0

*Required for all 9th grade students.*

 English 9 will offer an integrated approach to reading, writing, speaking, listening, and research. Through composition, vocabulary skills, grammar and parts of speech exercises, one research paper, and exposure to a variety of literary forms, students will establish a solid foundation in communication skills to prepare them for current and future high school courses. The course will help students develop reading comprehension and critical thinking skills involved in the interpretation of literature through open discussion and writing.

**Introduction to Literature**

ENG201 Grade 10th

Semester Course Credits: 0.5

*Required for all 10th grade students.*

*Prerequisites: English 9*

 Students will develop an appreciation and better understanding of literature by further practicing and mastering literary interpretations. Students will read a variety of literary forms and analyze their literary elements, while detecting, understanding, and evaluating the works' themes that permeate all societies. Particular attention will be spent on written reflection, vocabulary building, perfecting the six traits of writing, and learning the fundamentals of a literary analysis.

**Technical Writing**

ENG306 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Oral & Written Communications*

 Students will practice the skills needed to make them effective in the workforce and technical schools. The course will be focused on writing, but students will also practice reading comprehension of informational texts.

**Journalism**

ENG300 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Oral & Written Communications*

 Students will focus on the various forms of newspaper and periodical writing. Students will learn to separate fact from opinion and human interest from hard news while keeping aware of current events. This course encourages a wide range of research techniques geared to specific audiences. Most writing assignments require completing various steps in the writing process, such as rough drafts, peer editing, and revision. In this course students will also read, respond, and analyze examples of exceptional writing in society.

**Oral & Written Communications**

ENG200 Grade 10th

Semester Course Credits: 0.5

*Required for all 10th grade students.*

*Prerequisites: English 9*

 Students will further develop communication skills, specifically public speaking and written communications. While promoting students to create various types of writing for different audiences, much attention will be spent on perfecting the six traits of writing. Students will also embark upon a research paper unit using the Modern Language Association guidelines. In addition, students will learn the art of public speaking. Speeches will vary in length, topic, and type.

**World Literature**

ENG405 Grades 11th-12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Literature*

 Students will focus on evaluating and analyzing various works of fiction, poetry, and nonfiction from around the world. Novels, memoirs, short stories, and poetry will derive from various time periods, while the focus will be spent on the appreciation, understanding, and analysis of the works' themes that encompass the world's societies. Through discussion, written reflection, group work, projects, and presentations, students will examine and learn about other cultures, ethnicities, customs, and ideas.

**Family and Consumer Sciences Department**

Graduation Requirement: 0.5 Credits of Technical Education

(Agriculture, Business, Family & Consumer, OR Technology)

Culinary Arts

Child Development

Food & Nutrition

Health Occupations

Elements

of Design

Concepts of

Health & Wellness

**Child Development (TC)**

FAM210 Grades 10th -12th

Semester Course Credits: 0.5

 Child Development will cover the life and growing of a child from conception to about 5 years old. Students will learn theories of development as well as techniques to use when working with children. Students will gain even more knowledge by walking to the elementary school once a week and working with children. This is a great class for anyone looking to be a teacher, day-care provider, healthcare professional, or parent. *For students in Grades 11 and 12, successful completion of this course can earn college credit at Mid-State Technical College.*

**Concepts of Health & Wellness (TC)**

FAM240 Grades 10th-12th

Semester Course Credits: 0.5

 An introductory course including basic health and wellness promotion principles at the individual level; basic principles include physical, mental, and spiritual. Students explore a holistic view of health and wellness concepts covering healthy lifestyle choices, managing stress, individual wellness perspective, and how economics and knowledge can positively and negatively impact the health and wellness of an individual. Students will understand the value in overall health and wellness and be able to promote positive lifestyle changes to others. *For students in Grades 11 and 12, successful completion of this course can earn college credit at Mid-State Technical College.*

**Culinary Arts**

FAM200 Grades 11th -12th

Semester Course Credits: 0.5

*Prerequisites: Food & Nutrition*

 Food Service can be a creative and exciting career as well as a profitable business. Students in this class will learn how to develop a business plan and understand the proper licensing and health standards for running a restaurant. Students will learn how to price menu items and establish recipe and portion sizes. Students will also build on their previously gained culinary skills from Food and Nutrition and discover different career opportunities in food service.

**Food & Nutrition**

FAM100 Grades 9th -12th

Semester Course Credits: 0.5

 Students will study nutrition, MyPlate, and how the body uses food. Students will also learn the basics of cooking including measurements and safety and sanitation in the kitchen. Students will also learn through hands-on experiences in the lab by creating simple recipes about once a week that can be completed in one class period.

**Elements of Design**

FAM310 Grades 10th -12th

Semester Course Credits: 0.5

Offered 2016-2017

 This course is a combination of interior and fashion designs. Students will become familiar with color schemes and principles of design. Students will design floor plans, create décor pieces from recycled objects, and plan their very own line of clothing or décor pieces. Students will also study the history of both fashion and interior designs. \*Students will need to collect and purchase supplies for multiple projects.

**Health Occupations**

PEH320 Grades 11th -12th

Semester Course Credits: 0.5

 Health Occupations incorporates the study of healthcare careers, CPR, First Aid, and more. Students who successfully complete the CPR and First Aid unit will receive certification through the American Red Cross. Through multiple guest speakers, students will discover a variety of healthcare career options to consider in the future right here in central Wisconsin. This class is an introduction to healthcare so it’s valuable to anyone considering a career as a healthcare professional.

# Math Department

Graduation Requirement: 3.0 Credits

Algebra I

Algebra II

Geometry

Pre-Calculus

AP Calculus

College Algebra

Intermediate

Algebra

*Note:* All UW colleges generally require Algebra, Geometry, and Algebra II.

Check post-secondary school catalog for specific details.

All colleges recommend 4 years of high school math.

**Typical Math Pathways:**

4-Year University – Strong Preparation

8th grade – Algebra I

9th grade – Geometry

10th grade – Algebra II

11th grade – Pre-Calculus

12th grade – AP Calculus AB

4-Year University – Typical Preparation #1

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Algebra II

 12th grade – Pre-Calculus

4-Year University – Typical Preparation #2

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Algebra II

 12th grade – College Algebra

4-Year University – Minimum Preparation

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Algebra II

Technical College – Strong Preparation

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Algebra II

 12th grade – Pre-Calculus

Technical College – Typical Preparation #1

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Algebra II

 12th grade – College Algebra

Technical College – Typical Preparation #2

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Algebra II

Technical College – Minimum Preparation

 9th grade – Algebra I

 10th grade – Geometry

 11th grade – Intermediate Algebra

**Algebra I**

MAT110/111 Grades 9th

Full-year Course Credits: 1.0

 This is the beginning course for high school mathematics. Some of the topics covered are; order of operations, properties of real numbers, solving linear equations and inequalities, systems, graphing, exponentials, quadratics, rational and radical equations and functions and polynomials.

**Algebra II**

MAT310/311 Grade 10th -12th

Full-year Course Credits: 1.0

*Prerequisites: Geometry*

 The second year of algebra including quadratics, complex numbers, matrices and logs.

**AP Calculus AB**

MAT430/431 Grade 12th

Full-year Course Credits: 1.0

*Prerequisites: Pre-calculus*

 An introduction into calculus covering limits, derivatives and function analysis, and differential and integral calculus. Recommended if considering an engineering or related emphasis. The course will utilize assignments to prepare the student for both the AP test and future schooling. **Students may earn college credit after successful completion of class and AP Exam.**

**College Algebra**

MAT440/441 Grades 12th

Full-year Course Credits: 1.0

*Prerequisites: Algebra II*

 This course is designed for students who plan on attending college or technical college, but are not pursuing a career in the math or science field. Topics previously covered in Algebra II and Geometry will be enhanced with more emphasis on problem solving and critical thinking. Additional topics will include statistics, probability, consumer mathematics and financial management, measurement, voting and apportionment, and graph theory.

**Geometry**

MAT210/211 Grades 9th -11th

Full-year Course Credits: 1.0

*Prerequisites: Algebra I*

 This course covers the basic geometric theorems and properties and uses them to prove other mathematical ideas and formulas. Topics include reasoning, perpendicular and parallel lines, congruent polygons, triangles, quadrilaterals, transformations, similarities, circles, area, surface area and volume.

**Intermediate Algebra**

MAT340/341 Grades 11th-12th

Full-year Course Credits: 1.0

*Prerequisites: Geometry*

 This is a course designed to allow students the time to make connections within mathematics. A thorough review of Algebra I will lead into the second year of Algebra. Topics will include linear equations and inequalities, quadratics, exponents, complex numbers, exponentials and logarithms. This course is NOT recommended for students taking a fourth year of math.

**Math Support**

MAT120/121 Grades 9th -10th

Full-year Course Credits: 1.0

*Concurrent Enrollment in Algebra I and/or Geometry*

 The mathematics department and administration will assign Math Support for students who struggle in Algebra I and/or Geometry and need more support to succeed. Math Support is a Pass/Fail course that does not affect a student’s cumulative GPA.

**Pre-Calculus**

MAT400/401 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: Algebra II*

 This class includes functions, intermediate algebra topics, trigonometry and other pre-calculus work.

# Music Department

Graduation Requirement: 0.5 in Fine Arts Education

(Art, Music, OR World Language)

**Senior High Band**

MUS100/101 Grades 9th -12th

Full-year Course Credits: 1.0

*Prerequisites: Previous instrumental music experience or approval of the instructor.*

 Through the selection, preparation and performance of literature written and arranged for wind and percussion instruments, students will gain a higher understanding of music as a valid means of self-expression. Band is a comprehensive course, incorporating intermediate music theory, music history, and performance art. Emphasis is placed on developing musical concepts and producing mature sound on the instrument(s). Band also allows for several performing opportunities outside of school. In addition to the regular course work, the band also lends itself to school activities and athletic events, supporting these activities with appropriate music. Attendance is required at all rehearsals and performances.

**Senior High Chorus**

MUS110/111 Grades 9th -12th

Full-year Course Credits: 1.0

 This organization performs choral music (in appropriate voicing) in two or three concerts and one large group festival. Literature varies from popular to sacred, contemporary to Renaissance. Students will work on sight-reading skills, music theory, proper vocal production, and stage presence. Students are encouraged to perform in the solo and small ensemble contest held each year.

**Senior High Jazz Band**

MUS200/201 Grades 9th -12th

Full-year Course Credits: 0.5

*Prerequisites: Students must be enrolled in Senior High Band or have consent of the instructor.*

 Through the selection, preparation and performance of literature written and arranged for instruments in the jazz ensemble, students will gain a higher understanding of music as a valid means of self-expression. Jazz Band is a comprehensive course incorporating jazz music theory, reading and playing jazz music notation, reading chord changes, the history of jazz, improvisation, and performance art. Emphasis is placed on developing musical concepts and producing mature sounds on the instrument(s). In addition to the regular course work, the jazz band also may lend itself to school activities and athletic events, supporting these activities with appropriate music. Attendance is required at all rehearsals and performances. Typically, the instruments needed in a jazz ensemble are: trumpets, trombones, alto Saxes, tenor Saxes, baritone Saxes, drum set, bass guitar or double bass, piano, and guitar. However, any instruments are welcome! Meets one period each week.

**Show Choir**

MUS210/211 Grades 9th -12th

Full-year Course Credits: 0.5

 This organization performs pop and show tunes in concerts, solo and ensemble contests, and may entertain at other requested functions. Show choir is an auditioned group. Although it is preferred that members belong to the chorus, anyone in school may audition for a position in Show Choir. Meets one period each week.

# Physical Education/Health Department

Graduation Requirement: 1.5 Credits of Physical Education

**Physical Education 9**

PEH100 Grade 9th

Semester Course Credits: 0.5

*Required for all 9th grade students.*

 This course at the freshman level includes the following activities: Soccer, speedball, basketball, volleyball, jogging, badminton, touch football, softball, and track. The students should gain a good knowledge of sports rules and a basic understanding of game strategy at this time as well as physical conditioning.

**Physical Education 10**

PEH200 Grade 10th

Semester Course Credits: 0.5

*Required for all 10th grade students.*

 In the sophomore year, the students experience such activities as: Social dance, golf, archery, fitness, basketball, eclipse, volleyball, badminton, soccer, softball, body conditioning, and speedball. At this level, the students are exposed to more individual, life-time activities as well as various team sports.

**Physical Education 11**

PEH300 Grade 11th

Semester Course Credits: 0.5

*Required for all 11th grade students.*

 In the junior year, the students are offered more advanced level courses in such activities as: Volleyball, badminton, basketball, soccer, speedball, tennis, touch football, softball, table tennis, golf and archery. Also at this level, they may select to do such activities as aerobic dance, racquetball, or shuffleboard.

**Lifetime Activities**

PEH410 Grade 12th

Semester Course Credits: 0.5

 Physical Education with an emphasis on sporting games and personal fitness programs. Class includes football, basketball, volleyball, softball, endurance training, aerobic activities, and weight training.

**Basic Weight Training**

PEH110 Grades 9th -12th

Semester Course Credits: 0.5

 The student will understand the basic skills of weight training, knowledge of equipment, including proper techniques and safety factors. A personal weight-training program will be developed and implemented during this course. *Students in grades 9, 10, & 11 must enroll in the regular PE class for their grade level. This is an elective course and does not satisfy the physical education requirement.*

**Advanced Weight Training**

PEH210 Grades 10th-12th

Semester Course Credits: 0.5

*Prerequisite: Basic Weight Training*

 The student will build upon their previous skills of weight training, knowledge of equipment, including proper techniques and safety factors. A personal weight-training program will be developed and implemented during this course. *Students in grades 10 & 11 must enroll in the regular PE class for their grade level. This is an elective course and does not satisfy the physical education requirement.*

# Science Department

Graduation Requirement: 3.0 Credits

Physical Science

Life Science

AP Physics

Anatomy/Physiology

Biotech

Environmental Science

Chemistry

Horticulture

Conceptual Chemistry

Introduction to Engineering

AP Biology

**Anatomy/Physiology**

SCI300/301 Grades 10th -12th

Full-year Course Credits: 1.0

*Prerequisites: Physical Science & Life Science*

 This course will explore the anatomy and physiology of the human body in great detail. The course will meet the needs of students who are interested in any health related career (ex. nursing, nurse’s aide, medical transcriber, medical secretary, veterinary science, etc.) or who are just interested in learning more about the human body. All sections will include laboratory work in the forms of microscopic experimentation and dissection. Recommended for health or biological science emphasis.

**Biotech**

SCI310 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2016-2017

*Prerequisites: Physical Science & Life Science*

 This course provides an introduction to biotechnology and its application in a variety of medical, clinical, agricultural and other science disciplines. Topics covered include forensic science, solution chemistry, spectroscopy, basic microbiology techniques and DNA and protein purification techniques. This course emphasizes basic laboratory skills and techniques to help prepare students for a wide variety of professions and post-secondary pursuits.

**Chemistry**

SCI330/331 Grades 10th -12th

Full-year Course Credits: 1.0

*Prerequisites: Physical Science & Life Science*

 Chemistry is the study of matter and how it changes. General chemistry is a course aimed at practical applications to the following topics: Measurement, forms of matter, atomic structure, electron configuration, the periodic law, and chemical bonds.

**Conceptual Chemistry**

SCI340 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2015-2016

*Prerequisites: Physical Science & Life Science*

 Conceptual chemistry students will conduct a scientific study of the composition, structure, and properties of substances and the reactions that occur between them. In this course, we will examine these topics using various classroom approaches as well as utilizing a “hands-on” approach in lab. There will be an emphasis on green chemistry, which offers a concrete path towards solving the environmental problems our society faces today. This course will have a reduction in complexity of the mathematics involved.

**Environmental Science**

SCI311 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2016-2017

*Prerequisites: Physical Science & Life Science*

 Students will gain awareness and skills that will make you better stewards of the land through hands-on labs and outdoor learning experiences. Topics include sustainability, environmental ethics & policies, ecology, population dynamics, renewable resources, specimen collection & identification, water resources, and forest recreation.

**Horticulture (TC)**

SCI320/321 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: Physical Science & Life Science*

 This class uses applied scientific application of plant sciences surrounding the stewardship of the land in soil, water, wildlife, and forestry. Infusion of horticultural practices occurs throughout the course. The course uses these practices to develop life-long skills in landscape design, plant care, and environmental awareness. This course also develops the student's competencies in the highly technical science fields of plant propagation and taxonomy. \*Course may not count in basic entrance requirements at some colleges.

**Introduction to Engineering**

SCI350 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2015-2016

*Prerequisites: Physical Science & Life Science*

 The major focus of this course is to expose students to the design process, research and analysis, teamwork, communication methods, engineering standards and technical documentation. Students use 3D solid modeling to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community.

**Life Science**

SCI200/201 Grades 10th -12th

Full-year Course Credits: 1.0

*Prerequisites: Physical Science*

 A survey course, which will include a study of zoology beginning with very simple animals and ending with very complex animals using a phylogenetic sequence. A similar study of the science of botany will also be included. The course will also include the anatomy and physiology of the human body. All sections will include an introduction to laboratory work including dissection.

**Physical Science**

SCI100/101 Grade 9th

Full-year Course Credits: 1.0

*Required for all 9th grade students.*

 Physical Science is a yearlong class divided into three sections: chemistry, physics, and Earth Science. The chemistry section includes units such as: Matter, atomic structure, chemical bonds, chemical reactions, solutions, and acids/bases. Physics will include units such as: motion, forces, work, energy, simple machines, electricity and magnetism. The Earth Science section can include units such as: Earth’s interior and surface, weather and climate, solar system, and exploring the universe. This course will include basic mathematical relationships in its description of these concepts.

**AP Biology**

SCI420/421 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: Successful completion of or concurrent enrollment in Anatomy/Physiology or Chemistry*

 This course will help prepare students fro the AP Biology Exam. This will be an academically rigorous course and will require a significant amount of work outside of class. Broad content areas include: molecules, cells, heredity, evolution, organisms, and populations. Course structure will include both lecture and lab components. **Students may earn college credit after successful completion of class and AP Exam.**

**AP Physics**

SCI400/401 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: Intro to Engineering, Chemistry, or Conceptual Chemistry*

 A study of the physical environment through problem solving. A fourth year of math, to include advanced algebra, is recommended. This course is highly recommended for those going to college. Recommended if considering engineering or physical science emphasis. **Students may earn college credit after successful completion of class and AP Exam.**

# Social Studies Department

Graduation Requirement: 3.0 Credits

U.S. History

World History

Government & Citizenship

Junior & Senior Electives

Great Events of the 20th Century

The Holocaust

Wars of the West

Movements &

Minorities

Psychology

Sociology

AP US History

Movies &

Music

Economics

**AP United States History**

SOC400/401 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: U.S. History*

 A study of United States history with an emphasis on preparing students for college. The course will utilize essays, documents, and assignments to prepare the student for both the AP test and future schooling. **Students may earn college credit after successful completion of class and AP Exam.**

**Economics**

SOC310 Grade 11th-12th

Semester Course Credits: 0.5

Offered 2017-2018

 Economics will cover basic economic concepts and a mix of micro- and macro-economic concepts. Concepts from this class will help prepare students for beginning college economic courses. This class will also give students a general understanding of basic principles to help students entering the workforce.

**Government and Citizenship**

SOC300 Grade 11th

Semester Course Credits: 0.5

*Required for all 11th grade students.*

 Students will learn about their federal, state, and local governments, and the role they have in making decisions that affect a community. The course will cover issues that are affecting us today, and what solutions will be needed to solve them.

**Great Events of the 20th Century**

SOC350 Grades 11th -12th

Semester Course Credits: 0.5

Offered 2017-2018

 The 20th Century saw some of the greatest advances in world history, and the greatest tragedies. Key events to be covered include the Great Depression, Pearl Harbor, the 1960s, and Vietnam.

**Movements & Minorities**

SOC370 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2017-2018

 Movements & Minorities course will focus on social movements during modern history and connect to current issues continuing today. The course will vary depending on class interests, but will have a foundation of Civil Rights, Suffrage, and Environmental Movements.

**Movies & Music**

SOC360 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2016-2017

 One way to learn about the past is to study movies and music with historical themes. In this course we will examine historical events by watching, discussing, and writing about movies. Movies and music can provide some factual information about an historical figure, event, or time period; they can also distort the past. A major part of the course will be discussion of how movies and music accurately and inaccurately portray history. Through the process of historical thinking students will deepen their understanding of the broader political, economic, and social patterns that make up American history.

**Psychology**

SOC320 Grades 11th -12th

Semester Course Credits: 0.5

Offered 2017-2018

This course will examine human behavior, how the mind develops, and how people react to the world and people around them. Many topics and issues in psychology will be explored including memory and thought, principles of learning, intelligence, human development, and abnormal behavior.

**Sociology**

SOC330 Grades 11th -12th

Semester Course Credits: 0.5

Offered 2016-2017

 Sociology is the study of groups in society and how they relate to each other. Subject areas include socialization, the family, marriage, gender, cultures, deviance, social class, race, cults, and social problems.

**The Holocaust**

SOC340 Grades 11th -12th

Semester Course Credits: 0.5

Offered 2016-2017

 What was the Holocaust? How could it happen? Can it happen again? These questions and others will be explored in the course, which will cover the holocaust of World War II and other such events of wholesale destruction which have taken place prior to and since W.W.II.

**United States History**

SOC100/101 Grade 9th

Full-year Course Credits: 1.0

*Required for all 9th grade students.*

 It is the study of American History from the period of Pre-Columbian to present.

**Wars of the West**

SOC380 Grades 11th-12th

Semester Course Credits: 0.5

Offered 2016-2017

 This will be a combination of project-based activities and teacher led activities. A survey of the major wars the US was involved in will be studied such as WWI, WWII, Vietnam, Korean, Iraq, and Civil War.

**World History**

SOC200/201 Grade 10th

Full-year Course Credits: 1.0

*Required for all 10th grade students.*

 It is the study of World History and the cultures of the world. There is an emphasis on the Crusades to the present including the Renaissance, French Revolution, Industrial Revolution, and World Wars I & II.

**Technology Education Department**

Graduation Requirement: 0.5 Credits of Technical Education

(Agriculture, Business, Family & Consumer, OR Technology)

Welding II

Architectural Drafting

Basic Automotive Maintenance

Welding I

Mechanical Drafting

Construction

Advanced

Woods I

Cabinetmaking

Intro to Machine Woodworking

Advanced

Woods II/III

Construction Trades

**Advanced Woods I**

TEC400 Grades 9th -12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Machine Woodworking*

 Students will use skills learned in Introduction to Machine Woodworking to design, estimate, and construct their own ideas or jobs within the community. Independent project based class.

**Advanced Woods II/III**

TEC401/402 Grades 10th -12th

Semester Course Credits: 0.5

*Prerequisites: Cabinetmaking*

 Students will use skills learned in Cabinetmaking to design, estimate, and construct their own ideas or jobs within the community. Independent project based class.

**Architectural Drafting**

TEC221 Grades 10th-12th

Semester Course Credits: 0.5

 Students will gain an understanding of building construction, drawing, and design. Students will develop plans for a house using computer aided design software.

**Basic Automotive Maintenance**

TEC300 Grades 11th -12th

Semester Course Credits: 0.5

*Prerequisites: Driver’s license & access to a vehicle*

 Provide the student with the consumer-level skills necessary to operate, maintain, and purchase a vehicle.

**Cabinetmaking**

TEC200 Grades 9th -12th

Semester Course Credits: 0.5

*Prerequisites: Intro to Machine Woodworking*

 Students are introduced to specific cabinetmaking techniques and are provided with information on the safe and proper operation of more woodworking machines most commonly used in cabinetmaking and construction industry. Students are required to build a nightstand.

**Construction**

TEC310/311 Grades 10th -12th

Full-year Course Credits: 1.0

*Prerequisites: Intro to Machine Woodworking*

Offered 2016-2017

 Students will apply basic residential construction and estimating techniques. Project consists of building a storage shed requiring the student to learn framing, siding, roofing, window, door, and garage door installation.

**Construction Trades**

TEC350 Grades 9th-12th

Semester Course Credits: 0.5

Offered 2017-2018

Students will be introduced to plumbing, electrical, HVAC, insulation, and interior finishing trades by completing related activities inside of the storage building built in Construction II.

**Introduction to Machine Woodworking**

TEC110 Grades 9th -12th

Semester Course Credits: 0.5

 This course is designed to provide basic information on the safe and proper operation of the woodworking machines most commonly used in cabinetmaking and construction industry. Students will be required to build an upholstered footstool.

**Mechanical Drafting**

TEC220 Grades 10th -12th

Semester Course Credits: 0.5

 Students will gain an in depth understanding of and complete numerous pictorial and orthographic drawings related to the development of product plans using computer aided drawing software.

**Welding I**

TEC210 Grades 10th -12th

Semester Course Credits: 0.5

 Students study the safety and processes related to oxy-fuel cutting and welding, shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, and resistance spot welding. Plan and welding symbol reading is also explored. Labs are designed to provide students with the necessary practice to develop the habits and skills required to complete various types of welds in various positions.

**Welding II**

TEC211 Grades 10th-12th

Semester Course Credits: 0.5

*Prerequisites: Welding I*

 Students continue their skill development with the welding processes learned in Welding 1. This course is designed more towards independent lab work. Students expand their ability to complete various types of welds in various positions and develop and build independent projects.

# World Language Department

Graduation Requirement: 0.5 in Fine Arts Education

(Art, Music, OR World Language)

\*Many universities require two years of world language study as a condition of

acceptance or before acquiring a Bachelor’s Degree.

**Spanish I**

FOR100/101 Grades 9th -12th

Full-year Course Credits: 1.0

 Spanish I is a beginning course requiring good study skills. The basics of vocabulary, language structures and pronunciation are presented. While the course begins with a heavy emphasis on the development of listening skills, the skills of speaking, reading and writing are also incorporated. In addition, students examine basic cultural concepts of the Hispanic world. A video and online textbook with additional activities accompanies the written text and is used in and out of the classroom.

**Spanish II**

FOR200/201 Grades 10th -12th

Full-year Course Credits: 1.0

*Prerequisites: Spanish I (grade of at least a C)*

 Spanish II continues to give the students a basic understanding of Spanish. This involves review and expansion of first year topics and the introduction of new structures and vocabulary. Cultural differences are discussed to help students' understanding of and appreciation for Spanish. A video and online textbook with additional activities accompanies the written text and is used in and out of the classroom.

**Spanish III/IV**

FOR300/301 Grades 11th -12th

Full-year Course Credits: 1.0

*Prerequisites: Spanish II (grade of at least a C)*

 Spanish III/IV allows the students more freedom in using the language to communicate. Many new structures are introduced as well as reviewing previously studied material. Students need to have access to a Spanish-English dictionary outside of class. Further investigation of the Hispanic culture ties into a technology-driven project. A video and online textbook with additional activities accompanies the written text and will be used in and out of the classroom.

Spanish I

Spanish III/IV

Spanish II

# Other Courses

**Student Services**

STS100/101 Grades 10th -12th

Semester/Full-year Course Credits: 0.5-1.0

 The Student Service Program enables you to earn one-half credit each semester by working as a student aide or student tutor. Student Service is a Pass/Fail course and does not affect a student’s cumulative GPA. Student Service is an elective and may not be taken as a substitute for any required course. Areas of service are: Library/Media Center; District Office; Counseling Office; Principal's Office; and/or assisting any middle or senior high teacher. Only twelfth grade students may do Student Service at the Elementary School. 10th-11th grade students may take Student Service as their eighth class in place of a study hall. Student Service will be scheduled through the Counseling Office.

**World of Work Program**

WOW100/101 Grade 12th

Semester/Full-year Course Credits: 0.5-1.0

 A school-supervised work experience for students in 12th grade. Students may leave school for one or two period(s) of the day for employment. School credit will be given for the work and the employer will pay a wage. Students must be in good standing behaviorally and maintain passing grades in all classes to remain in the program. Student’s work should be in an area related to their future career. Students will be required to spend one class period per week at school for Career Readiness Training.

**Youth Apprenticeship**

BUS200/201 Grades 11th-12th

Full-year Course Credits: 1.0

 The Wisconsin Youth Apprenticeship program offers students training in specific career occupations. The goal is to prepare students who are ready to begin careers post high school or to continue for more formal training in a 2- or 4-year collegiate program. Apprenticeships are available in such areas as: Agriculture, Finance, Hospitality, Transportation, and Manufacturing. Some programs may require students to take specific courses while they enroll in the program.

*Interested students need apply with Career/Technical Education Coordinator before April 15. Students may begin working in their placements as soon as June 1.*

**Yearbook Production**

YBP100/101 Grades 9th-12th

Full-year Course Credits: 1.0

*Prerequisites: Consent of the instructor.*

 Students develop and produce the student yearbook. Staff members must have knowledge of and be involved with the general student body, have a flexible schedule to attend games, concerts, events, etc. Staff members must demonstrate creativity, be able to meet deadlines, and be able to work independently. Basic computer knowledge and photography skills preferred, but not necessary as new staff is trained.

**Driver's Education**

Grades: 9th -12th

 Enrollment in this course is determined by student ages. Students will attend classes Monday - Thursday for three weeks during the summer to meet the state requirements.  Students will be required to complete all work and any DPI or WI requirements. This class satisfies the classroom portion of the WI driver’s education program. Behind the wheel driving is provided separately at a different time.  This class is not worth any credit towards graduation.

**Youth Options**

 Students in 11th and 12th grade may apply for permission from the school board to take courses from an institution of higher learning that lead to credit toward graduation. Students must submit a Youth Options Program Plan by October 1st for Spring semester or March 1st for Fall semester enrollment. Please see the school counselor to obtain more information regarding the Youth Options Program.

**Distance Learning**

 Students in grades 9th -12th may register for classes offered through the Distance Learning Network. Classes meet at various times of the day according to the hosting school’s bell schedule. Students are required to be in good academic standing prior to class registration. Please see the counselor to obtain a course description booklet if you are interested in classes offered through Distance Learning.