

# Mauston High School Course Description Booklet

2015-16 School Year



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# COURSE GUIDE

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# Agricultural Sciences

Agriculture, FFA & You (9-12)  
Great Outdoors of Forestry (9-12)  
Wisconsin Wildlife Mngt. (9-12)  
Small Animal Care (9-12)  
Landscaping & Lawn Mgt. (9-12)  
Veterinary Sciences (10-12)

## AGRICULTURE, FFA & YOU

9-12 *1/2 credit*

This first year agriculture course will give students the knowledge needed to explore world agriculture and FFA here at Mauston High School. Basic units included are how to become involved in the FFA Youth group, the impact agriculture has on us each day, and to take a look at agricultural animals, plants, and careers. A three week unit covering shop safety and the construction of a wood project will be included.

## GREAT OUTDOORS OF FORESTRY

9-12 *1/2 credit* **SCIENCE CREDIT**

All phases of forestry will be covered throughout the term. Skills practiced include proper woodlot management, tree identification, determining a forest inventory, pruning, planting and harvesting trees, chainsaw safety, forest tree products and forest fire suppression. Soil study will be also included as to their relation to tree species. Work will be done at the school forest which includes pruning and selective cutting.

## WISCONSIN WILDLIFE ECOLOGY

9-12 *1/2 credit* **SCIENCE CREDIT**

Students will be able to evaluate both common land and water wildlife species as to their habitat and food requirements. Wildlife practices include improvements needed of land, rivers, and lakes to help make wildlife thrive in the Mauston area. Water quality and plant species will be included in contrast to wildlife requirements. Personnel will be used from the DNR and wildlife departments. Students will have a chance to do wildlife improvement projects.

Meat Tech & Processing (10-12)  
Dollars, Cents & Success (9-12)  
Horticulture (9-12)  
Alternative Energy & Sustainable Agri. (10-12)

Greenhouse Mgt (9-12)  
Supervised Work Exp (12)

## LANDSCAPING/TURF & LAWN MGT

9-12 *1/2 credit*

Each student will be able to design a computer generated landscape design of their home and project homes that includes private, public, and services areas. Students will have the opportunity to perform hands-on skills in lawn and tree care, common fruit tree production, garden practices, use of proper soil amendments, brick patio and retaining wall construction, erosion control practices, selection of landscape materials, and business aspects of the landscaping trade.

## VETERINARY SCIENCE

10-12 *1/2 credit*

This course will give students a chance to study and work with animals that may affect them each day. Animal units include dairy cattle, beef, hogs, sheep, and poultry. There will also be a three week unit on horses and horsemanship. Field trips will be taken to area farms and agribusinesses. Students will be able to understand practices such as milking procedures, health, reproduction, facilities, nutrition, and the proper handling of each animal.

## SMALL ANIMAL CARE



9-12 *1/2 credit*

With the increasing number of students with pets, this course will help students take care of their pet(s) they currently own or may own in the future. In addition to class discussion, each student will have a chance to learn daily care of their animal from other classmates, guest speakers, and field trips to areas of interest. The nutrition, reproduction, anatomy, and care of animals such as cats, dogs, rabbits, horses, specialty animals, and exotics will be discussed.

## **MEAT TECHNOLOGY & PROCESSING**

10-12 *1/2 credit* **ENROLLMENT LIMIT – 12**

In this course students will learn where all cuts of meat come from including; beef, pork, venison, fish, and poultry. Each student will have a chance to bring in their deer for processing which includes making steaks, roasts and different types of sausages, jerky, hot dogs, and bologna. The class will slaughter hog and beef animals to be cut and wrap it into retail cuts. Students should plan to work 5-6 weeks in the meats lab, with remainder of the time used for discussion.

## **DOLLARS, CENTS, SUCCESS**

9-12 *1/2 credit*

This exciting course will cover all major areas of agribusiness management including Introduction to Agribusiness, Starting and Operating the Agribusiness, Agribusiness in the World Market, Employability, Communication and Leadership Skills, and SAE (Supervised Agricultural Experience). Aspects of Entrepreneurship, cooperatives, and financing will also be discussed in conjunction with Agricultural Sales & Marketing and Ag Law lessons. A real life marketing game in each of these areas is correlated to academic and occupational skill standards.

## **ALTERNATIVE ENERGY & SUSTAINABLE AGRICULTURE**

10-12 *1/2 credit*

With ever rising fuel costs, the depletion of the earth's fossil fuels and the world's exponential population growth, students will explore ways to make our current resources last for generations to come. We study different energy resources that can allow us to keep the lifestyle that we have grown accustomed to. We will also come to understand how the growth in our population and reduction in farm land is causing a worldwide scenario for food shortage. This will be done through a mix of projects and research on a global scale to show how it will affect each and every one of us in the years to come.



## **HORTICULTURE**

9-12 *1/2 credit* **ENROLLMENT LIMIT – 15**

Students will be exposed to practices used in the plant science industry. A wide variety of plants and vegetables will be grown, along with demonstrating such practices as transplanting, pH testing, propagation methods, plant selection, and pest management. The science of Floriculture will also be discussed. Students will partake in making corsages and developing floral arrangements. Students will explore the area of hydroponics (growing plants without soil). The class will spend 75% of the time in the Greenhouse Facility.

## **GREENHOUSE MANAGEMENT & PRECISION AGRICULTURE**

9-12 *1/2 credit* **ENROLLMENT LIMIT – 15**

As the Green Industry continues to expand worldwide, greenhouse management is becoming more desired. This exciting course will encompass every detail in operating and maintaining a greenhouse structure. Areas of heating, irrigation, structural materials, plant materials, and operating costs will be discussed. The class will be involved in operating a profitable poinsettia sale. Students will also learn the aspects of creating a Bonsai tree along with evergreen centerpieces and displays. Over 75% of the time will be spent in the Greenhouse Facility.

## **SUPERVISED WORK EXP- AGRICULTURE**

12 *1/2 credit* **INSTRUCTOR PERMISSION**

Students enrolled in Supervised Work Experience – Agriculture will have an opportunity to work in the production or agri-business areas. Students will be placed on a work experience job. Eligible work sites for this program include Larson Auto Body, B.T.U. Management, Walsh's Grain Farms, Mauston Vet Clinic, Gray Electric, Northside Mobil, A.T.H. Auto Body, Wisconsin River Meats, Allied Co-op, Mauston Tool, and other agriculture businesses. Satisfactory work and regular school attendance is required. Students also may enroll in the Youth Apprenticeship Program through these positions and receive certification.

# Art Department

Art I (9-12)  
Ceramics (10-12)  
Art II (10-12)  
Fashion Design (9-12)  
3-Dimensional Art (10-12)

## ART I

9-12 *1/2 credit*

Students are offered the opportunity to explore various visual art forms and techniques in an introductory level course through the elements and principles of art and design. Students will be introduced to a variety of media through two-dimensional and three-dimensional approaches to creating and responding to visual arts.

## CERAMICS

10-12 *1/2 credit*

### **SUCCESSFUL COMPLETION OF ART I OR INSTRUCTOR APPROVAL REQUIRED.**

The student will explore the cultural uses and meanings of pottery throughout the world. This course will explore various approaches to clay construction, while applying the elements and principles of design to create three-dimensional form. The course will emphasize hand building methods as well as an introduction to the pottery wheel. Various decorating techniques will be stressed, along with clay firing processes.

## ART II

10-12 *1/2 credit*

### **Must have completed Art I with a grade of "A" or "B".**

Students will continue to explore various visual art forms and techniques through the elements and principles of art and design. Students will continue to build and apply their skills, knowledge, and methodology to a variety of media through instructional activities that will develop and shape a visual arts foundation. This course may be offered on an alternate year basis, depending upon enrollment and staffing.

## 3-DIMENSIONAL ART

10-12 *1/2 credit*

### **SUCCESSFUL COMPLETION OF BASIC ART**

This course will introduce techniques in three-dimensional form through sculpture and relief techniques. The Art elements of form, shape, and texture will be stressed as well as the technical use and applications of appropriate tools.

Exploration in Drawing (9-12)  
Painting (9-12)  
Fashion Design (9-12)  
Yearbooks Productions (10-12)  
Computer Graphics in Marketing (10-12)  
Photography (9-12)

## EXPLORATION IN DRAWING

9-12 *1/2 credit*

### **COMPLETION OF BASIC ART WITH AN "A" OR "B"**

Students will explore different approaches to drawing while applying the elements and principles of design to develop skills and sensitivity to line, shape, color, value, texture and composition. A variety of mixed media and drawing techniques will be explored. Students will be expected to develop technical skills and their own styles of drawing.



## PAINTING

9-12 *1/2 credit*

### **SUCCESSFUL COMPLETION OF ART I OR INSTRUCTOR APPROVAL REQUIRED.**

Students will explore different approaches to painting and painting techniques using a variety of media. Emphasis will be placed on the elements of art and design with an emphasis on color and composition. Students will develop technical skills and personal style. A variety of subject matter will be explored.



## FASHION DESIGN

9-12 *1/2 credit*

Students will explore the world of fashion design through Art. Students will learn about figure proportions as well cultural and historical significance of fashion design. Students will utilize the elements of a basic fashion design sketch and start to develop a portfolio of their own. Students will develop a fashion figure and explore the basic silhouettes used in fashion design. Projects include clothing modification, upcycling, and accessory creation.

## YEARBOOK PRODUCTIONS

10-12 *1 credit – full year*

**INSTRUCTOR APPROVAL REQUIRED  
LIMITED ENROLLMENT – 12**

This course is designed for serious students interested in learning what it takes to put together the school yearbook. It involves the practical part of yearbook production. Included are the development of photography skills, layout design, production type specifications and styles, headline and story development, and layout of pages on the Mackintosh computer.

Students will demonstrate skills in all areas of yearbook production. Because production times and dates are of the utmost importance, they will be expected to meet all deadlines given to them. The students will be expected to put in many hours outside of class. Students will have to devote time either during the school day or after school to complete work or to meet deadlines.

Some of the techniques acquired in this class will be helpful for students anticipating a career in the Commercial Art or Journalism field after high school.

## COMPUTER GRAPHICS IN MARKETING

10-12 *1/2 credit*

Students will utilize the process and art of combining text and graphics to communicate effective messages in the design of logos, graphics, brochures, newsletters, posters, signs, and other types of visual communication. Adobe Photoshop and In Design software will be used for students to create visual communications for professional and desktop printing.



## PHOTOGRAPHY

9-12 *1/2 credit*

This course will introduce students to the basic elements of photography which include technical skills of camera operations, pictorial composition, lighting, developing, printing, digital imaging, mounting, and display. Students will be encouraged to develop artistic expression through use of the photography medium. It is not required that students own a camera. **Students will have to purchase photo paper as needed at a cost of approximately \$14 per 25 sheets of 8" x 11" paper.** Students will have additional costs associated with digital photography, such as flash drives for storage of images, as well as the processing costs of their digital photos.



# Business Department

Personal Finance	(9-12)
Accounting I	(10-12)
Business Economics	(10-12)
Accounting II	(10-12)
Business Law	(10-12)
Business Communications	(10-12)
Sports & Entertainment Marketing	(10-12)
Supervised Work-Business	(12)

## GOALS OF BUSINESS EDUCATION:

It is the goal of Business Education to provide students with specialized training for careers in business and provide training so they may prepare themselves to assume their roles as consumers, workers, and citizens. It is also our goal to assist the student in gaining background in preparing for professional careers requiring advanced study at the college or technical school level.



## PERSONAL FINANCE

9-12 *1/2 credit*

### REQUIRED FOR GRADUATION

Topics covered include: learning about the economic process, the free enterprise system, today's business organizations, filling out federal and state income tax forms, banking and check writing, car and health insurance, payroll, careers, and budgeting.

## ACCOUNTING I

10-12 *1 credit*

Accounting I provides the student with the necessary information to complete the accounting cycle for a sole proprietorship and partnership. The student will learn how to analyze and prepare financial records and reports. In addition, students will learn how to provide information about the operations of a business needed by management for decision making and income tax preparation. Accounting is the language of business and is an excellent course for the college-bound student or those interested in business. Much of the work is completed in class.

## BUSINESS ECONOMICS

10-12 *1/2 credit*

Economics plays a vital role in society. As we approach a new millennium, people will be faced with more and more decisions that have important economic components. This course will explain the role that economics plays in improving the quality of your decision-making process. Students will learn about the concept of supply and demand and discover the different types of businesses that produce goods and provide services. Some of the other topics (unemployment, inflation, money, taxes, and the labor market) will help you appreciate the importance of economics in your personal life.

**This course was formerly named *Money and You*.**

## ACCOUNTING II

10-12 *1 credit*

**Successful completion of Accounting I required.**

Accounting II is a continuation of Accounting I. Students will learn how to analyze and interpret financial records and reports for partnership and corporations. Approximately 1/2 of the course will be devoted to solving automated accounting problems and simulations using computers and accounting software. This course is designed to further prepare the college-bound student or those who desire to study accounting and/or theory, and practice as well as business procedures, and accounting records. Much of the work is completed in class.

## BUSINESS LAW

10-12 *1/2 credit*

Business Law examines the Court systems and types of crimes. Since the focus of the course is on business, the units of study include contracts, buying and selling goods, consumer protection and credit, insurance and banking/borrowing.

Personal Law emphasizes how the law affects young adults. This course will help students become aware of both their rights and responsibilities under the law and provide them with practical guidelines for becoming effective consumers and citizens. It will also help them develop the ability to recognize legal problems in every day living. This course will explore and make the student become aware of their rights and responsibilities when: renting an apartment, buying and financing a car, opening a charge account and handling credit, insurance, marriage/divorce contracts, wills, and other kinds of contracts.

## **BUSINESS COMMUNICATIONS**

10-12

*1/2 credit*

In this course, students will explore the process of communication as it relates to the business world and discover all of the ways people communicate in today's business environment. Learn business presentation skills, how to conduct a successful meeting, and job application tips. Students will prepare business correspondence, deliver oral presentations, and use electronic writing tools. Internet, e-mail, and telephone etiquette are taught as well as verbal and non-verbal communication.



## **SPORTS & ENTERTAINMENT MARKETING**

10-12

*1/2 credit*

***“A” or “B” in Personal Finance Required***

Sports and entertainment marketing is a specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Students will develop skills in the areas of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry.



## **SUPERVISED WORK EXPERIENCE**

**- BUSINESS**      *Grade 12 Only*

***Instructor Permission Required***

This course is a combination of school-based and work-based learning activities to provide the students with skills, knowledge, and attitudes that will enable them to achieve success as they pursue additional education or enter the workforce. Students will learn job finding steps, improve basic skills (reading, writing, listening, speaking) and further develop office procedures. Students will be placed on a work experience job in the business area.

# Computer Technology

Computer Conc & Software App.	(9-12)
Computer Graphics in Marketing	(10-12)
Videography	(11-12)
Tech Ninja/Web Designer	(9-12)



## COMPUTER CONCEPTS & SOFTWARE APPLICATIONS

9-12 *1/2 credit*

Are you ready for more than just your basic computer knowledge? Looking to develop computer skills and get ready for college? Expand your skills by using Microsoft Office 2007, such as Excel, Word, PowerPoint and Access. Also Windows Explorer, Internet and computer concepts. Use Microsoft Office Programs to create business documents, databases, and effective spreadsheets with charts.

## COMPUTER GRAPHICS IN MARKETING

10-12 *1/2 credit*

Students will utilize the process and art of combining text and graphics to communicate effective messages in the design of logos, graphics, brochures, newsletters, posters, signs, and other types of visual communication. Adobe Photoshop and In Design software will be used for students to create visual communications for professional and desktop printing.

## VIDEOGRAPHY

11-12 *1/2 credit*

***Instructor permission required – limited capacity class.***

This course is designed to teach students the advanced techniques of video cinematography/editing. Students will get instruction on lighting, filming, and sound techniques, and also learn advanced video editing techniques, particularly the use of Final Cut Pro. Students will use their knowledge to write, film, and edit short documentaries and produce other visual projects.

## ADVANCED VIDEOGRAPHY

11-12 *1/2 credit*

***Instructor permission required – limited capacity class.***

Advanced Videography is a course that will allow a student to not only further develop his/her skills in interviewing, writing a script, editing, and producing a video on the computer, but the student will also become proficient in additional technical aspects of production, and assume a more prominent role in the execution of the Eagle Vision business operation. Students will plan, create, and utilize the features of Live Type and DVD Studio Pro to share their video, as well as work closely with the instructor to contact new businesses, plan future productions, and assist students working in Videography.



## TECH NINJA/WEB DESIGNER

9-12 *1/2 credit*

***Instructor permission required – limited capacity class. Brief application required.***

So you want to be a Tech Ninja?

A Tech Ninja is a student that is interested in learning how to fix and repair the various types of technology located within the District. Tech Ninjas are interested in learning how to plan, create, design and support Web Pages. Student Ninjas will be able to design and create websites and help keep the School District web pages updated.

In addition, Tech Ninjas help teachers, fellow students and other staff with technology requests (when possible) and support software and other apps (anything Google), etc. Tech Ninjas see the “big picture” and are troubleshooters, problem solvers, critical thinkers, collaborators, and intrinsically motivated.

Tech Ninjas solve technology problems that come their way, stay on task and finish in a timely manner. Tech Ninjas are leaders within our schools and lead by example. Tech Ninjas also get to work on projects she/he are interested in that could include: Coding, “how to” videos, Google training, managing a help desk, etc..

Application Link: <http://goo.gl/forms/YeVXidI3vH>

# DRIVER EDUCATION OPTIONS

**Mauston High School does not offer driver education courses as part of their curriculum.**

We are aware of these companies offering programs for the Mauston area:

***Big “T” School of Driving -  
608-547-8040***

Program consists of 45 hours of Classroom study, 10 hours of Behind-the-wheel training and 10 hours of Observation.

Classes held at Mauston American Legion

**Big T School of Driving  
Mark W. Tardiff – Owner  
P. O. Box 266, Mauston**

***RyO’s Driving School, LLC***

***608-547-9513***

***904 8<sup>th</sup> Avenue***

***Baraboo, WI 53913***

***Cindy Deyo – Instructor***

***Email: [info@ryosdrivingschool.com](mailto:info@ryosdrivingschool.com)***

***Superior Drivers LLC***

***Classes held at New Lisbon High School***

***Kevin Kroener, Owner 608-343-8885***

***Brad Bever, Instructor 608-547-6672***



# ENGLISH DEPARTMENT

English I (Required Grade 9)  
English II-Literature (Required Grade 10)  
English II-Communications (Required Grade 10)  
American Literature (Required Grade 11)  
Cont. Novel & Short Story (9-10)  
Literature of Mystery & Suspense (10-11)



## ENGLISH I

Required Grade 9 1 credit

The course will include one term of grammar and vocabulary reviews as necessary, and will begin with a concentrated look at developing study skills for high school work. Students will follow the writing process through various writing experiences such as description, narration, and persuasion. This course will also include research writing to prepare students for writing research papers in their high school career, and will lay the foundation for more advanced writing classes. Students will be encouraged to share their creative writing with one another. The other term of English I includes a survey of literature. The student will consider the various genres (short stories, poetry, drama, novels) that make up our heritage of fine literature.

Emphasis of this survey will be on the elements that we use to study this literature – themes, techniques, and approaches. The student will be able to apply these skills to a study of literature through his/her high school career, and will be prepared to continue this application whenever desired.

## ENGLISH II-LITERATURE

Required for Grade 10 ½ credit

This course examines the writer's purpose in the different kinds of literature: nonfiction, drama, fiction, and poetry. Students will be expected to read critically, to ask and to answer questions, to write paragraphs coherently on a unified theme, and to create longer compositions with a narrow focus. This kind of literary analysis also will enable the student to design and to deliver messages in writing which will inform, persuade, or entertain audiences.

*Students must pass English II-Literature and/or Mystery & Suspense before taking other English Electives.*

Adv Communications and Forensics	(11-12)
College Prep Writing	(12)
Applied Writing	(11-12)
British Literature	(11-12)
World Literature	(11-12)
Super Heroes & Science Fiction	(11-12)
Creative Writing	(11-12)
Critic's Corner	(11-12)
Shakespeare	(11-12)
Academic Decathlon	(10-12)
A.P. English Lit and Composition	(11-12)

## ENGLISH II-COMMUNICATIONS

Required for Grade 10 ½ credit

Students will study the basics of good verbal communication. Students will prepare and present speeches that inform, persuade, and/or entertain. Pantomimes, demonstrations, speeches to inform and persuade, debates, and group discussions will be assigned.

## AMERICAN LITERATURE

Required for Grade 11 1 credit

***Must be taken the same term as American History.***

American history is the story of our nation's past. In this course students will use primary and secondary sources to explore selected themes that are woven into this story. American literature selections by key authors will reflect such themes as civil rights, labor and social movements, industrial and technological change and the causes and consequences of war.

## CONT. NOVEL & SHORT STORY

9-10 English elective ½ credit

In this course students will read a variety of novels, short stories, and plays that will cover various themes. Possible themes or topics that will be covered include: action and adventure, teen problems, science fiction, social issues, war, fantasy, and relationships. By reading those works assigned and relating them to daily lives, students will heighten their awareness and understanding of their lives and also of the world around them. Students will explore literary terms associated with novels and short stories, what aspects characterize each, and what makes a novel, short story, or play worthy of future reading. Occasionally students will view movies of short stories and novels read to further explore a particular theme and compare and contrast the two media.

***Freshmen who fail either term of English I must pass this course before taking other English electives.***

## **LITERATURE OF MYSTERY & SUSPENSE**

10-11 English Elective *½ credit*

In this course students will read a variety of fiction and non-fiction that will cover various themes. Possible themes or topics that will be covered include: mystery, suspense, social issues, and nature in literature. By reading those works assigned and relating them to daily lives, students will heighten their awareness and understanding of their lives and also of the world around them. Students will explore literary terms associated with novels and short stories, what aspects characterize each, and what makes reading a worthwhile activity. Occasionally students will view movies of short stories and novels read to further explore a particular theme and compare and contrast the two media.

***Sophomores who fail English 10-Literature must pass this course before taking other English electives.***

## **ADVANCED COMMUNICATIONS & FORENSICS**

11-12 English Elective *½ credit*

***Teacher recommendation from English 10***

Do you enjoy being center stage? Do you like to participate in intellectual debate? If so, perhaps this course is for you. It is intended for the student who would like to develop better speaking and presentation skills through a fast-paced, interactive curriculum. Interpretive studies will include the presentation of poetry, prose, and drama. Students will also explore the structure and presentation style of expository, extemporaneous and persuasive speaking, along with continued study of vocabulary, and writing and speaking conventions.

## **COLLEGE PREP WRITING**

**12 - Highly recommended for seniors planning to attend a four-year university** *½ credit*

***Students need an 18 ACT PLAN composite, or an A or B in Applied Writing or instructor approval.***

This writing course is intended for the student who needs to develop better skills in the various kinds of writing expected in institutions of higher education. Study of the writing process and practice in expository, descriptive, comparative and persuasive writing will be undertaken. Activities include creating original essays, writing a research paper,

self and peer-editing, analyzing literature and a continued study of vocabulary and spelling, and writing conventions.

## **APPLIED WRITING**

11-12 English Elective *½ credit*

**This writing course is intended for the student who plans to enter the workplace or continue with some type of education beyond high school, but not necessarily at a four-year degree granting college.**

This course includes reviewing grammar and utilizing the writing process to create a finished product which may be informative, descriptive, narrative, expository or persuasive. The student will also practice the writing of application letters, resumes, and various personal business correspondences. Students will explore career possibilities, practice goal-setting techniques, and engage in real-life simulation activities such as job interviews. Students will be encouraged to utilize available technological information and equipment.

## **BRITISH LITERATURE**

11-12 English elective *½ credit*

Highlighting classic authors and works, the course surveys periods in the development of the English language and literature ranging from the Anglo-Saxon epic, Arthurian legends, Shakespearian drama, Romantic poetry, and modern short story. By reflecting upon the authors and their enduring works, students will be able to understand their own heritage more clearly by comparison to and analysis of literature already in their learning experience.

**The course offers a strong cultural literacy base, and, while not required, is strongly encouraged for college-bound students.** This course may be offered on an alternate year basis, depending upon enrollment and staffing.

## **WORLD LITERATURE**

11-12 English Elective *½ credit*

World Literature is a course designed to study the progression of literature from its roots in tribal storytelling in Africa to 20<sup>th</sup> century Realism. We will trace common themes of writing chronologically across Africa, Asia, and Europe and focus on the incredible similarities that occur between these regions and cultures. Famous works that will be read include Dante's Inferno, the Bhagavad Gita, Chaucer's Wife of Bath, and Dr. Faustus. This course may be offered on an alternate year basis, depending upon enrollment and staffing.

## **SUPER HEROES & SCIENCE FICTION**

11-12 English elective *½ credit*

The mission of this class is to seek out exciting literature; to boldly go where no literature class has gone before! The prime directive of this course will be that its class members are ready to encounter strange new worlds, creatures, and ideologies found in the literature of science fiction. Works by some of Sci-Fi's best authors: Arthur C. Clarke, Ray Bradbury, Isaac Asimov, and H.G. Wells will be the vehicle for thought and discussion in this class. Faster than a speeding bullet, more powerful than a locomotive: it's Superman! You'll learn more about this super hero and others such as: Spiderman, Batman, Captain Marvel, Wonder Woman, and the X-Men. This course will trace the history of the birth of the super hero from Greek and Egyptian mythology and the American tall tale to today's popular super heroes. The student will be asked to create their own super hero and integrate their creation into comic book form.

## **CREATIVE WRITING**

11-12 English elective *½ credit*

This course is offered to those students who want to sharpen their creativity by writing what's on their mind and reading what's on the minds of the others in the class. Matters of grammar and usage may be addressed, as well as the process of writing, but the emphasis will be on the writing of the students in the class.

## **CRITIC'S CORNER**

11-12 English elective *½ credit*

What makes a good movie? Action? Violence? The actors? An exotic setting? Learn how to be a smart movie consumer by viewing and evaluating both classic and contemporary films. Reflection upon the movie's elements of plot, setting, theme, character, and point of view will enable students to understand and appreciate the full spectrum of human emotion, motivation, and interaction. When warranted by a quality new release, a movie field trip may be taken. Literary analysis via the medium of film will be the cornerstone of the course. Written essays of description, comparison and contrast, argument, process analysis, illustration, classification, and cause and effect will be assigned in the various units as appropriate for the films being studied.

## **SHAKESPEARE**

11-12 English elective *½ credit*

Can't get enough of the Bard? This class just might be for you. It will be designed for the serious student who wants to study William Shakespeare

and plays that haven't been covered in other English classes. You will study romances, tragedies, histories, and some of his sonnets. Class activities include reading the plays, acting out scenes, viewing different interpretations of plays that have been made into films, writing activities, presentations, and a field trip to a Shakespearean production.



## **ACADEMIC DECATHLON**

10-12 English elective *½ credit*

Academic Decathlon is for all Grade 10, 11, and 12 students (regardless of GPA) who want an extra academic challenge in a team atmosphere. The course will cover the areas of science, math, economics, social sciences, fine arts, music, literature, speech, essay, and interview. This course is used to develop a nine member team of students who will represent Mauston High School in competition with other schools at the county and state level. The rules of the Academic Decathlon Competition require teams to consist of students from across the GPA spectrum, so students with any GPA who have good test taking skills are encouraged to enroll. Due to the occasionally independent nature of some of the areas of study, **instructor approval is required to enroll in this course.**

## **A.P. ENGLISH LIT & COMPOSITION**

11-12 *1.0 credit*

**YOU MUST HAVE "A" or "B" in past English courses and be prepared for the rigor of A.P. Taught by MHS Staff**

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.**

# FAMILY & CONSUMER SCIENCE

Culinary Techniques I	(9-12)
Culinary Techniques II	(9-12)
Foreign Foods & Culture	(9-12)
Food Science	(10-12)
Pro-Start/Professional Cooking	(10-12)
Health Careers	(9-12)
Child Development	(11-12)
Volunteer Program	(11-12)
Supervised Work Exp- FACS	(12)



## CULINARY TECHNIQUES I

9-12 *1/2 credit*

This course covers the basics in food preparation and technology for the family. The student who has had no previous experience in food preparation will be quite comfortable in this class, which emphasizes problem solving, thinking skills, communication, and collaboration.

## CULINARY TECHNIQUES II

9-12 *1/2 credit*

This course is an extension of Culinary Tech I, with different units, designed for the student who is able to measure accurately and is familiar with some food preparation. The student will be encouraged to work with a variety of foods, recipes, and techniques that are used in typical family situations, again emphasizing problem solving, thinking skills, communication and collaboration.

## FOREIGN FOODS & CULTURES

9-12 *1/2 credit*

This course introduces the student to the foods, typical meals, and food-related customs of various countries in the world. Historical and geographical background to each area's food style will be studied. This course may be offered on an alternate year basis, depending upon enrollment and staffing.

## FOOD SCIENCE

10-12 *1 credit of Science*

**Successful completion of Physical Science and Biology required. This course awards Science credit**

This course is intended to give students that anticipate pursuing a post-secondary education an understanding of the chemical and biological principles of food as well as an awareness of the career opportunities that exist in the food industry.

Topics of study include: chemical and biological principles and processes related to food production, processing and consumption, nutrition analysis of foods, product development, food biotechnology, and solid waste – as the result of production, processing and consumption. Students will understand how food affects the body and will be able to use lab equipment and complete lab evaluations. They will also do a required major project dealing with a food and all its benefits. This food will be cooked, served, and evaluated in at least a 10-page report.

## PRO-START/PROFESSIONAL COOKING

10-12 *1/2 credit*

This class is intended for students who are interested in working in a restaurant. Students will learn how to prepare food safely on a professional level. They will be introduced to industrial equipment and large scale cooking. Students will also explore the many career opportunities in the hospitality industry.



## HEALTH CAREERS

9-12 *1/2 credit*

This term course helps you become familiar with over 200 career opportunities in the health field. You will learn about the different types of service, health facilities, and agencies that present possible places for employment. Field trips and job shadowing are included in this course. Extensive use of the WCIS computer program will enhance the process of career decision making.

## **CHILD DEVELOPMENT**

11-12                      *1/2 credit*

Learn more about children and how to work with children! This class will focus on how to meet a child's needs in each stage of growth and development. Physical, intellectual, and social-emotional development from birth through the school-age years is emphasized. Students will do frequent observations and projections and projects in order to understand and to promote growth in children. Grades will be based on class participation, projects, activities, and observations.



## **VOLUNTEER PROGRAM**

11-12                      *1/2 credit*

### ***Own Transportation Required.***

This course gives students a unique hands-on learning opportunity. Volunteer service, leadership training, and transition to work are incorporated into community involvement. You can make a difference in such areas as day care, food pantry, senior citizens, Forward Mauston, library, blood drive, youth groups, etc. There is a classroom phase as well as the community participation.

**Review Page 33 –**

## **Requirements for Tutoring/Volunteer Program/Office Aide Courses**

## **SUPERVISED WORK EXPERIENCE – Family & Consumer Science**

12                              *1/2 credit*

### ***Jobs must be in a tourism or food service industry. Instructor permission and own transportation required.***

Students will be placed on a work experience job. The employer will determine who is to be hired. It is not possible to guarantee each student a job. If you are hired, you will be scheduled to work within the school day. Other job experience time will be after school, evenings, and Saturdays to complete the ten hours per week requirement. Current minimum wage will be paid. Satisfactory work and regular school attendance is also required. **Work sites that are eligible for this program are: Culvers, Mile Bluff Medical Center, Mauston Park Oasis, Wendy's, Festival Food's Deli Department, McDonald's and the Hearty Platter.**

# FOREIGN LANGUAGES

Most universities **highly recommend** successful completion of two credits of the **same** foreign language as part of their entrance requirements. Four-year college bound students should understand however, that it might be in their best interest to take more than two credits of a foreign language.

Currently, two Wisconsin universities **require** two credits in foreign language: UW-Madison and UW-Eau Claire. Students should check with their counselor regarding foreign language requirements for schools outside of Wisconsin.

University-bound students should also consider taking the foreign language placement test prior to enrolling in college. Many universities offer retroactive credits for foreign language classes taken in high school. Generally students must take the placement exam, successfully complete one university class in the foreign language and earn at least a “B”, in order to be eligible for retro credits.

Due to block scheduling, students are advised to schedule foreign language classes as close together as possible, thus avoiding a time lapse between levels and college entrance.

Spanish Level I	(9-12)
Spanish Level II	(9-12)
Spanish Level III	(10-12)
Spanish Level IV	(11-12)
Spanish Level V	(11-12)
A.P. Spanish Language	(11-12)

## SPANISH LEVEL I

9-12                      1 credit

Upon completion of Spanish Level I, the student will have developed listening, speaking, reading, and writing skills which will enable him/her to meet survival needs in the classroom. The students will also be able to perform in a manner that is comprehensible to a native speaker who is patient and used to dealing with non-native speakers. The student will develop these abilities through speaking and interacting in pairs, small groups and as a whole class. Learning will be facilitated through presenting real-life situations, watching DVD's in Spanish concerning the lives of Hispanic youths and by participating in games and activities that emphasize the acquisition of Spanish vocabulary.

## SPANISH LEVEL II

9-12                      1 credit

**Completion of Spanish Level I with a “B” or better or approval of Spanish Level 1 instructor.**

At the completion of Spanish Level II, the student will achieve the writing, reading, listening and speaking skills necessary to handle everyday survival situations in a Spanish-speaking country. The student will make strides in speaking the language by widening his vocabulary usage, learning to speak in the past tense as well as discussing with adequate fluency his everyday activities and interests. The student will also maintain a diary in Spanish to develop his writing skills. Much of the class period will be conducted in the Spanish language thereby assuring that the student may adequately comprehend a native or non-native Spanish-speaker.



## SPANISH LEVEL III

10-12                      1 credit

**Completion of Spanish Level II with a “B” or better and approval of the instructor.**

By the completion of Spanish Level III, the student will be able to discuss events in the present, past, and future tenses as well as use the command forms. Interactive technology, such as online textbook resources and SMARTBoard activities, will be utilized to engage students. DVD and CD programs expose students to additional “outside-of-the-classroom” experiences. The student will participate in many activities designed to improve oral fluency including partner work and skits. The student will also take part in the authentic Hispanic cultural activities. The completion of the third level of Spanish will improve the student’s ability to perform well on any Spanish university entrance exam.

## SPANISH LEVEL IV

11-12 1 credit

**Completion of Spanish Level III with a “B” or better and approval of the instructor.**

The fourth level of Spanish is for the serious Spanish student who wishes to pursue excellence in the areas of communication of the Spanish language. At the completion of Spanish Level IV, the student will be able to give facts and express opinions in fairly fluent written and spoken Spanish. The Spanish 4 student will have mastered many different verb tenses in the Spanish language. Interactive technology will be combined with traditional instruction to give the student a solid foundation in the language. A classroom blog will be used to investigate and discuss contemporary issues in Spanish speaking countries. Through the study of Hispanic literature, the student will explore many facets of culture. The completion of this course will greatly improve the student’s ability to perform successfully on any Spanish university entrance exam.

## SPANISH V

### ESPAÑOL AVANZADO

11-12 1 credit

**This course is available to students who have earned a “B” or above in Spanish Level 4, have the instructor’s consent, and work well independently.**

This is a literature-based class with a strong emphasis on reading, writing, and presentation. It will be offered on an alternate year basis beginning in the spring of 2010. Much of the coursework will be completed independently and in small groups.

## A.P. SPANISH LANGUAGE

11-12 1 credit

**Completion of Spanish Level IV with a “B” or better and approval of the instructor.**

A.P. Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they’ve learned in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and solid, working knowledge of all verb forms and tenses. The equivalent of a college-level language course, A.P. Spanish Language prepares students for the A.P. Exam and for further study of Spanish language, culture, or literature.



# HEALTH & WELLNESS

## PERSONAL HEALTH/WELLNESS

Grade 9 Required 1/2 credit

The purpose of this course is to help students understand what Health is and how to make healthy decisions in order to live a healthy lifestyle. Topics include: Personal Care and Body Systems, Mental and Emotional Health, Diet and Nutrition, Physical Fitness, Tobacco, Alcohol, Illicit Drugs, Human Sexuality, Diseases and Disorders, bullying, and cyber issues.



# MATHEMATICS

Algebra A/B	Life Skills Math
Algebra I	Math for Careers
Geometry	Statistics & Probability
Algebra II	Advanced Placement
Geometry II	Statistics & Probability
Trigonometry	
Pre-Calculus	
Advanced Placement Calculus	



## ALGEBRA A/B

9-10 Year long block - 2 credits

**Placement by math and guidance dept with review of MAP and WKCE scores.**

This course is designed for students previously directed to Math Concepts and Basic Algebra. It entails all of the elements of Algebra 1 with lessons at a slower rate and an abundance of practice and review exercises. Students will focus on algebra as they explore geometry, statistics, and probability. Algebra A/B will provide the students additional time to master the topics.

## ALGEBRA I

9-10 1 credit

**Placement by math and guidance dept with review of MAP and WKCE scores.**

Students will focus on algebra as they explore concepts in geometry, statistics, and probability in a concentrated two term course.

## GEOMETRY I

9-12 1 credit

**Successful completion of Algebra I or Algebra A/B. This is a required course for 4-year college entrance.**

Geometry I is intended for students who have proficiency in algebraic concepts. It is a requirement for college bound students. The main objective of the course is to organize thoughts and properties in a logical pattern. The Euclidean (2-dimensional) geometry is emphasized, with some exposure given to 3-dimensional concepts. Practical application involves finding areas and volumes of prisms, pyramids, and spheres. Emphasis is placed on the structure of each problem as well as a discussion on the strategy needed to solve the problems.

## ALGEBRA II

10-12 1 credit

**Successful completion of Algebra I or Algebra A/B and Geometry. This course is required for 4-year college entrance.**

Algebra II will review and extend the topics of Algebra I and introduce some advanced topics as trigonometry. It can serve as preparation for Algebra III, or provide more skill in algebra than would be gained from Algebra I only. Successful completion of this course is required for college entrance at most universities. May not be taken at the same time as Algebra 3/Trigonometry.

## GEOMETRY II

10-12 1/2 credit

**Successful completion of Algebra and Geometry.**

Geometry II will begin with a review of many Geometry I concepts. This course will concentrate on surface area and volume of three dimensional figures. Relationships among surface areas, volume, lines, angles, and measurements will be addressed. The world of mathematics in nature will be discovered through the internet and by working with Fractal Geometry. Circles will be rediscovered. Careers and jobs that apply specific areas of geometry will be researched. This course is a semi-independent class and may be taken with Algebra II.

## LIFE SKILLS MATH

11-12 1 credit – full year skinny

**Successful completion of Algebra A/B or Algebra I or consent of instructor.**

Life Skills Math is a basic application course that emphasizes arithmetic and calculator skills while dealing with consumer topics. The course will explore useful, real-life topics, including learning about checking accounts, loan applications, credit issues and tax forms.

Whether you are preparing for the workplace or post-secondary school, this course will help you make a smooth transition into the “financial real world”. Managing your income and expenses and making sound financial decisions in personal and business settings are important skills for all consumers to have.

## MATH FOR CAREERS

11-12  $\frac{1}{2}$  credit

**Successful completion of Algebra I and Geometry required.**

Math for Careers provides the necessary and practical math skills needed in a wide variety of educational, trade, and technical areas. It addresses, but is not limited to the needs of elementary education teachers, mechanical and civil engineers, manufacturing, construction trades and technology, interior design, electronics, auto mechanics, machine technology, and drafting. The emphasis is placed on the practical approach to problem solving in your specific area of interest. This is a semi-independent course of study designed to meet the needs of each individual.

### Scheduling Notes:

When scheduling occurs, students taking A.P. Calculus should take Pre-Calculus just prior to Calculus. For example, a **calculus track student** should take:

- 8<sup>th</sup> - Algebra
- 9<sup>th</sup> - Geometry
- 10<sup>th</sup> - Algebra 2
- 11<sup>th</sup> – Trigonometry-Stats - A.P. Stats and Prob. (3 terms)
- 12<sup>th</sup>- Pre-calculus – A.P. Calculus (3 terms)

**OR**

- 9<sup>th</sup> - Algebra
- 10<sup>th</sup> - Geometry
- 11<sup>th</sup> - Algebra 2 \*
- 12<sup>th</sup> – Trigonometry-Pre-Calc-A.P. Calculus (full year of math)
- \* Algebra 2 could be taken after Geometry, but in the same year.

## STATISTICS AND PROBABILITY

10-12  $\frac{1}{2}$  credit

**Successful completion of Algebra II or instructor consent required.**

This course is designed to give students a thorough introduction to Statistics and Probability relevant to today's world. Students will use equations and data to chart trends and predict future events. The course will include topics such as data classifications, experimental designs, measures of variance and standard deviation, concepts of basic probability, and binominal verses normal distributions.

## ADVANCED PLACEMENT

### STATISTICS AND PROBABILITY

10-12 1 credit - **Taught by MHS staff**

This course will follow the same curriculum as Statistics and Probability for the first 9 weeks. Then topics will expand to model the national curriculum and prepare for the A.P. exam in the spring of the year.

### TRIGONOMETRY

11-12  $\frac{1}{2}$  credit

**Successful completion of Algebra II is required.**

This course will explore in depth the trigonometry ratios introduced in previous courses. Students will apply their knowledge to find angles, lengths, and areas. The graphs of sine waves will be introduced by looking at sound waves and periodic behavior. Vectors will be introduced with a look at the physical world. Students taking the ACT or COMPASS exam will benefit from this course.

### PRE-CALCULUS

11-12  $\frac{1}{2}$  credit

**Successful completion of Trigonometry is required.**

This course will prepare students for A.P. Calculus. A student will review trigonometry concepts in the context of calculus. Trigonometric proofs will provide students with a mastery of Algebraic concepts. Limits, a basic calculus skill, will be introduced and mastered in this course. Advance students planning on taking calculus will need this course.

### ADVANCED PLACEMENT CALCULUS

11-12 1 credit

**A "B-" or better in Pre-Calculus is required or instructor permission.**

This college preparatory course is designed for students who have completed Trigonometry and Pre-Calculus. This class uses national curriculum similar to most college courses. The course will focus on derivatives, integrals, and the applications of derivatives and integrals. Concepts will be approached from numerical, graphical (using a graphing calculator), and algebraic methods. The A.P. exam is an optional activity in the spring of the year. **Taught by MHS Staff or distance learning, depending on staffing and course interest.**



# Music Department



## CONCERT BAND

9-12 1 credit

***Year long commitment. Appropriate playing ability on a band instrument and desire to learn. There will be two levels of Concert Band with placement by the instructor.***

This is a year-long course with a different emphasis each term. The Concert Band meets 5 days per week and is open to any individual who wants to be part of this musical organization. Every fall season, the marching band performs for various parades and all home football games. From this marching band, the opportunity to participating in the MHS pep band, which plays at home basketball and wrestling games, is also offered. The remainder of the year is devoted to concert band with an emphasis on solo-ensemble.

## JAZZ ENSEMBLE

9-12 1 credit

***Year long commitment and membership in concert band required.***

Jazz ensemble is a group consisting of saxes, trumpets, trombones, piano, bass, and drums. It is designed to expose the student to various styles of music in the jazz and rock idioms.

## MUSIC APPRECIATION

9-12 ½ credit Block

This is a listening-based course in which students will experience and demonstrate an understanding of musical forms from a wide spectrum of musical cultures and styles. There will be a focus upon the major composers and works in each historical period.

## HISTORY OF ROCK AND ROLL MUSIC

10-12 ½ credit Block

This class will be a study of rock music rooted in African and African-American cultures as the result of societal upheavals and economics and a continuous and overwhelming influence on today's American society. This class will help students understand our society and why our country has the beliefs it does and use rock music to get the social, cultural, and economic struggles across.

## MUSIC THEORY

11-12 ½ credit Block

***Membership in a performing group or private music instruction required.***

This course is strongly recommended for students planning to pursue music beyond high school. Students will study the basic elements of written music. By the completion of the course, they will be able to analyze and compose in the standard chord progressions of the major and minor keys, harmonize melodies and arrange songs in chorale form.

## CONCERT CHOIR

9-12 1 credit

***Year long commitment with a different emphasis each term.***

Students will learn about the elements of music, various musical styles, and performance techniques. Large group work as well as quartets, trios, madrigals, and caroling are offered. A desire to sing is a must! On average, there are two public performances each quarter. Attendance at all performances is required; lack of participation may result in a failing grade.

## SHOW AND JAZZ CHOIR

9-12 ½ credit

***By audition only. Membership in concert choir or treble choir required.***

Students become involved in a pop-oriented group that adds choreographed movement to vocal performances. Performances given throughout the year, rehearsal times outside of class may be required. Attendance at all performances is required.

## TREBLE CHOIR

9-12 1 credit

***Year long commitment for soprano and alto voices only.***

Student will learn about the elements of music, various musical styles, and performance techniques. Large group work as well as quartets, trios, madrigals, and caroling are offered. A desire to sing is a must! On average, there are two public performances each quarter. Attendance at all performances is required; lack of participation may result in a failing grade.

# OFFICE AIDES

10-12 *1/2 credit*

Students are selected to help in the high school office, the district office, and the high school counseling offices. Students need to be familiar with the buildings and staff. Office aides will assist with delivering messages, bulk mailings, phone coverage, and general office work.

**Review Page 33 –  
Requirements for Tutoring/Volunteer  
Program/Office Aide Courses**

# PART-TIME ENROLLMENT OPTIONS

Resident Home-Schooling Families may enroll in up to two courses per term at Mauston High School. If you are interested, please contact the counseling office prior to August 1, for Term 1 & 2 courses, and prior to January 1, for Term 3 & 4 courses.

# PHYSICAL EDUCATION

Physical Education is a Wisconsin State mandated program for students in grades K-12. The High School (Grades 9-12) Physical Education program in Mauston is standards-based and designed to emphasize health-related fitness. The program will provide students with the necessary knowledge and skills to establish and maintain physical fitness, participate confidently in physical activity and maintain personal health for a lifetime of activity. The curriculum includes skill development and the application of rules and strategies of complex difficulty in the following different movement forms: 1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition), 2) aerobic exercise, 3) team sports, 4) individual and dual sports 5) outdoor pursuits, 6) personal safety, and 7) aquatics. Ongoing assessment includes both written and performance-based skill evaluations.

## PHYSICAL EDUCATION 9

Grade 9 Required *1/2 credit*

Students will be provided with a structured 9 week program designed to enhance fitness through participation in individual and team sports and to utilize skills learned and developed in grades K-8. Students will engage actively in a full range of activities and learning experiences. Seasonal activities will include: Indoor/Outdoor Soccer, Aquatics, Floor hockey, Lacrosse, Volleyball, Weight Training, Softball, Personal Fitness and Fitnessgram fitness assessment.



## PHYSICAL EDUCATION 10-12

Fall/Spring Units *1/2 credit*

Seasonal units of instruction will provide an opportunity to focus on obtaining improved lifetime fitness skills and knowledge while performing particular skills and activities. This 9 week course will include Fitnessgram fitness assessment, Volleyball, Badminton, Archery, Golf/Disc Golf, Road Biking, Tennis and Softball.

## PHYSICAL EDUCATION 10-12

Winter Units *1/2 credit*

The winter units of instruction will provide an opportunity to focus on obtaining improved lifetime fitness skills and knowledge of training principles. This 9 week course will include Fitnessgram fitness testing. Units of instruction will include Volleyball, Badminton, XC Skiing, Self-defense, Fitness Fundamentals and Weight Training.



## RED CROSS LIFEGUARDING

10-12                    ½ credit towards PhyEd requirement

**Blended Learning** – Students will be registered with the Red Cross and required to complete online modules and tests to advance in the course.

**Prerequisite:** 15+ years of age; 300 yard continuous swim (100 yards of freestyle, 100 yards of breaststroke, and 100 yards of combination of the two); 2 Timed Events; (1) Swim 20 yards, surface dive 7 ft, retrieve a 10 lb. diving brick, and return within 1 minute and 40 (2) Tread Water for two minutes without support and without stopping, using only your legs. Your hands will be placed under your armpits. Your head must remain above the surface of the water. Your body position must be near vertical, not horizontal. Treading is not considered proficient if you swim rather than tread or if your mouth sinks below the surface.

**Red Cross Lifeguarding** is a 9 week course that will teach advanced skills in swimming, lifeguarding, and other aquatic techniques. Students will learn; Surveillance skills; Rescue skills including equipment-based rescues, spinal injury management, post-rescue care; First Aid training, AED training and CPR for the Professional Rescuer; Characteristics and responsibilities of a professional lifeguard such as how to interact with the public, accommodate patrons with disabilities, and address uncooperative patrons.

**Certifications:** CPR/AED for the Professional Lifeguard Rescuer (valid for 2 years); First Aid (valid for 2 years) and Lifeguarding (valid for 2 years). There is a Red Cross fee for certificates of completion.

## STRENGTH AND CONDITIONING

10-12                    ½ credit

***This is an elective – it does not replace the Physical Education requirement of 1.5 credits to be taken for one term each in Grades 9, 10, and 11.***

The purpose of this course is to emphasize the value of physical education fitness through an extensive individualized conditioning program. The course will include weight training, plyometrics, aerobics, and anaerobic conditioning. We will also learn and understand the principals regarding anatomy and physiology of the human body. This elective course will appreciate the careers related to fitness and sports medicine.



## WIAA REFEREE CERTIFICATION

11-12                    ½ credit

(Grade 10 only with Instructor Permission)

Elective credit - Does not replace phyed required classes

**Pre-Requisite: Earned B or higher in PhyEd classes at high school level**

Do you have a love of athletics and kids, on-the-spot decision making skills, self-confidence, the dedication and determination necessary to work hard, and personal integrity? Consider becoming a certified WIAA referee! Learn the rules of the sports in which you're interested and the ins-and-outs of officiating, with the goal of preparing you to earn your license required for the world of working as a WIAA referee.

# SCIENCE DEPARTMENT

Physical Science	(9)
Biology I	(10)
Zoology	(10-12)
Human Biology	(10-12)
Environmental Science	(11-12)
Chemistry I	(10-12)
Physics	(10-12)
Conceptual Physics	(10-12)
Geological Earth Science	(10-12)
Astronomy	(10-12)



## PHYSICAL SCIENCE

Grade 9 **Required** 1 credit

Physical Science is the study of matter. It will prepare students for future science courses and help them to identify the role science plays in their daily lives. This program seeks to give all students insight into the means by which scientific knowledge is acquired. Students will learn useful laboratory skills. This course provides opportunities for students to communicate by requiring the individual to take part in a collection of learning processes.

## BIOLOGY I

Grade 9 or 10 **Required** ½ credit

**Successful completion of Physical Science**

Biology I will cover basic concepts of molecular biology including: cell structure, scientific method, continuity of life, energy systems of life, and introductory biochemistry. This will provide the student with a foundation in basic biology.

## ZOOLOGY

10-12 ½ credit

**Successful completion of Biology I.**

Zoology explores the organisms of the animal kingdom. Analysis of complexity and adaptations of animals is facilitated by examining the structures and life functions of animals. This course is an alternative to Human Biology or may be taken in addition to Human Biology. This course cannot be taken until you have taken Biology I.

Anatomy/Physiology I	(11-12)
Advanced Chemistry	(11-12)
A.P. Biology	(11-12)
Criminalistics	(11-12)
Food Science	(10-12)
Great Outdoors of Forestry	(9-12)
Wisconsin Wildlife Ecology	(9-12)

## HUMAN BIOLOGY

10-12 ½ credit

**Successful completion of Biology I.**

Human Biology will be an extensive study of the human body systems. It will be taught on a sophomore level and not with the depth of Anatomy and Physiology, or Advanced Biology. This course is an alternative to Zoology or may be taken in addition to Zoology. This class may not be taken until you have taken Biology I.

## ENVIRONMENTAL SCIENCE

11-12 1 credit

**“C” or better in Biology I required prior to enrolling.**

**(Optional dual credit course through UW-Richland – BIO 190 “Introduction to Environmental Science” – 3 UW transferable credits.) Course taught by MHS staff.**

Topics covered will include the principles underlying the proper management of our resources: water, soils, minerals, forests, wildlife and human as well as the current and past attitudes relating to the resources, with the interaction and complexities of humans’ interests. Class consists of lectures, demonstrations, discussions, and fieldwork.



## CHEMISTRY I

10-12 1 credit

**Completion of Algebra A/B or Algebra 1 with a “C” or better in both terms is required.**

Chemistry is the study of the physical science that deals with the structure and properties of matter and the changes they undergo. Basic concepts of science will be reinforced as the student learns new concepts in chemistry through numerous classroom and laboratory activities. Certain properties of matter are related to physical as well as chemical changes. It is these properties that will be studied as well as the change in energy that accompanies that change.

## PHYSICS

10-12 1 credit

**Must be taken concurrently or after successful completion of Algebra II.**

Physics explains the natural phenomena in the world around us. After taking this course, you will be able to understand and explain natural occurrences in our everyday experiences. From “why is the sky blue?” to the physical laws that govern motion and collisions, physics will provide answers for many common (and some uncommon) questions. Topics include motion (displacement, velocity, and acceleration), gravity, Newton’s Laws, forces, projectile motion, momentum and impulse, energy, and many additional concepts. Physics is a great course for any student with curiosity about how and why things work, and it will build students’ problem solving skills.

## CONCEPTUAL PHYSICS

10-12 1 credit

Conceptual physics is a separate class from Physics. In Conceptual physics, students will learn main concepts of physics through hands-on projects and activities. The class uses project based assessments of learning to enhance the concepts which are covered. Topics include motion, how things fall, forces, projectile motion, momentum, density and buoyancy, pressure, and simple machines. Projects may include water bottle rockets, catapults, mousetrap vehicles, submarines, and a Rube Goldberg device. Problem solving will be a skill that is focused on throughout the class.



## GEOLOGICAL EARTH SCIENCE

10-12 ½ credit

**Open to sophomores, juniors and seniors who have successfully completed Physical Science and Biology I.**

The main objective of earth science is to give the student a better understanding of how the earth may have come into existence and developed into a unique planet. The emphasis for studying the dynamic nature of the earth will be accomplished through lab work and outside activities. The students will develop their own personal cause-and-

effect relationship, basic to the physical and life sciences. The main areas of study are minerals, rocks and plate tectonics (volcanoes, earthquakes and mountain building).

## ASTRONOMY

10-12 ½ credit

**Open to sophomores, juniors and seniors who have successfully completed Physical Science and Biology I.**

This course is for students who have a desire to become familiar with the nature and motions of celestial objects in the night sky and techniques to observe them. The properties of stars and processes in them are examined, including a discussion of the birth, evolution, and death of stars, and the formation of pulsars, black holes, quasars and galaxies. Night time observations of the moon, planets and stars will occur throughout the term.

## ANATOMY/PHYSIOLOGY I

11-12 1 credit

**Successful completion of Biology I with at least a “C”.** Course taught by MHS staff.

**(Optional dual credit course through UW-Richland – BIO 180 “Introduction to Human Biology” – 3 UW transferable credits)**

This course is designed to give junior or senior students a larger background in the area of human anatomy and physiology. Any student interested in a health career or post-secondary education should consider this course. There will be a detailed look at the body systems with laboratory activities.

## ADVANCED CHEMISTRY

11-12 1 credit

**Open to students having completed Chemistry and Biology with at least a “B” in both terms.**

Course taught by MHS staff.

**We are exploring dual credit or A.P. option, not finalized at time of course booklet printing)**

This course makes use of and builds upon the student’s previous knowledge of chemistry. The student will tend to work more independently and develop problem-solving skills as he/she explores new concepts and topics in chemistry. The course is divided into the following major topics of chemistry: quantum theory, reaction rate and equilibrium, stoichiometry, thermochemistry, electrochemistry, organic chemistry, and nuclear chemistry.

## **A.P. BIOLOGY**

11-12            1 credit

**Successful completion of Biology I and Chemistry with at least a “C” in Chemistry for both terms. Course taught by MHS staff.**

Advanced Placement Biology is a course which will prepare the students for further study in biology and other related fields. The topics of molecular biology, biotechnology, respiration, photosynthesis, and genetics are studied. Advanced lab technique and application will be explored and utilized. Students will be involved in a research project that requires application of the scientific method. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses and gives students the tools necessary to pass the AP examination at the end of the school year. It is highly recommended to take A.P. Biology after Environmental Science and Anatomy/Physiology.

## **CRIMINALISTICS**

**An introduction to Forensic Science**

11-12            1 credit

**Completion of Biology I and Chemistry 1 with at least a “C” average.**

“Criminalistics” will give students experiences with the equipment and people involved in the investigation and prosecution of those found breaking the law. It integrates scientific processes with the reading, reasoning, writing, and laboratory skills used in modern criminal investigations. From the first indications of a crime, to the final stages of prosecution, the investigative, analytical and communication skills of various occupations will be examined. Students will study the functions of a forensic scientist, crime scenes, types of physical evidence, fiber analysis, drug identification, toxicology, fingerprinting, ballistics evidence and handwriting and voice analysis.

## **FOOD SCIENCE**

10-12            1 credit

**Successful completion of Physical Science and Biology is required. This course awards Science credit**

This course is intended to give students that anticipate pursuing a post-secondary education an understanding of the chemical and biological principles of food as well as an awareness of the career opportunities that exist in the food industry.

Topics of study include: chemical and biological principles and processes related to food production,

processing and consumption, nutrition analysis of foods, product development, food biotechnology, and solid waste – as the result of production, processing and consumption. Students will understand how food affects the body and will be able to use lab equipment and complete lab evaluations. They will also do a required major project dealing with a food and all its benefits. This food will be cooked, served, and evaluated in at least a 10-page report.

## **GREAT OUTDOORS OF FORESTRY**

9-12            ½ credit            **SCIENCE CREDIT**

All phases of forestry will be covered throughout the term. Skills practiced include proper woodlot management, tree identification, determining a forest inventory, pruning, planting and harvesting trees, chainsaw safety, forest tree products and forest fire suppression. Soil study will be also included as to their relation to tree species. Work will be done at the school forest which includes pruning and selective cutting.

## **WISCONSIN WILDLIFE ECOLOGY**

9-12            ½ credit            **SCIENCE CREDIT**

Students will be able to evaluate both common land and water wildlife species as to their habitat and food requirements. Wildlife practices include improvements needed of land, rivers, and lakes to help make wildlife thrive in the Mauston area. Water quality and plant species will be included in contrast to wildlife requirements. Personnel will be used from the DNR and wildlife departments.



# SOCIAL STUDIES

Social Science 9	(9 Required)
Civics 10	(10 Required)
World History 10	(10 Required)
American History 11	(11 Required)
Cont. Social Issues	(9-10)
World Religions	(10-12)
Geography	(10-12)
Modern American War	(10-12)

## SOCIAL SCIENCE 9

Grade 9 Required *1 credit*

This course is organized by units based on government, economics, psychology, sociology, and geography. Each unit allows the student opportunities to investigate different social sciences in collaboration with English 9. Several collaborative projects, essays, and discussions gives the students tastes of all the social sciences offered at Mauston High School.

## CIVICS 10: Participating in Government

Grade 10 Required *½ credit*

“Democracy” is not a spectator sport” – Civic responsibility demands active participation. This class will focus on the importance of good citizenship. The four levels of Government will also be explored. In this process, students will develop skills helpful in becoming effective and responsible citizens. Participation in all class activities will prepare students to actively promote and protect liberty and justice for all.

## WORLD HISTORY 10: Ancient Civilizations that Shape the Modern World

Grade 10 Required *½ credit*

Imagine living in a society without recorded laws, with no alphabet or knowledge of writing and medical care that does not include surgery or anesthetic. These are just a few of the inventions gifted to us from people of the ancient world. In this course we will explore the magnificent civilizations of the past including the Egyptians, Greeks, and the Romans. We will use primary and secondary sources as well as research projects and simulations to explore these cultures. In this class, you will bring the past to life so you can better understand the present.

World History II (The Deuce)	(11-12)
Introduction to Sociology	(11-12)
Introduction to Psychology	(11-12)
A.P. Psychology	(11-12)
A.P. Human Geography	(11-12)
A.P. U.S. History	(11-12)



## AMERICAN HISTORY 11

Grade 11 Required *1 credit*

***Must be taken the same term as American Literature.***

American History is the story of our nation’s past. In this course students will use primary and secondary sources to explore selected themes that are woven into this story. American literature selections by key authors will reflect such themes as civil rights, labor and social movements, industrial and technological change and the causes and consequences of war.

## CONTEMPORARY SOCIAL ISSUES

9-10 Social Studies Elective *½ credit*

This class will use news media and current periodicals to gain a better understanding of the events occurring in the United States and the world. We will look at problems critically and discuss possible solutions. Class participation and written critiques will be the main focus of the class, but tests, quizzes, and projects will be used to assess one’s knowledge.



## WORLD RELIGIONS

Grade 10-12 Soc. St. Elective *½ credit*

This course will introduce students to some of the major religious traditions of the world; Hinduism, Buddhism, Shinto, Confucianism, Zen, Christianity, Islam, Judaism and many others. We will examine how different religious traditions help people to make sense of their lives and delve into their respective philosophies. To truly understand why people act, we must first understand what they believe. We will attempt to breakdown our perceived barriers through understanding.

## **GEOGRAPHY**

Grade 10-12 Soc. St. Elective *½ credit*

Geography is destiny. This course will examine how cultures around the world have adapted to their ever changing environment. Get ready to go on a non-stop adventure of pure discovery of the people, places and movements that shape the world we live in. Are you ready to look at your destiny? **(This course may be offered on alternating years, depending on staffing)**



## **MODERN AMERICAN WAR**

Grade 10-12 Soc. St. Elective *½ credit*

In this course we will examine America's wars from the Spanish-American War (1898) to the War on Terror (present day). We will discuss the decisions that were made, the tactics that were used, and the men and women who fought and died for our great nation. We will look at war in all its glory and horror. In this course students will examine how the causes and effects of these wars have shaped America. We will not only talk about America's victories, but our tragedies and failures as well. Wars have always had a large impact upon history, and for the United States, wars have helped shape who we are today.

## **WORLD HISTORY II (The Deuce)**

Grade 11-12 Soc. St. Elective *½ credit*

This course will examine the important figures and events that have shaped the "modern" world (800-1648). We will talk about the Middle Ages, the Crusades, the Renaissance and the Reformation. The focus will be on the rise of the Western Europe and the influences from the East that transformed western culture into what we see today. Buckle your seatbelts as we take a wild ride through the past. Are you ready for some history? **(This course may be offered on alternating years, depending on staffing)**

## **INTRODUCTION TO SOCIOLOGY**

Grade 11-12 Soc. St. Elective *½ credit*

**Sociology**, the study of the human relationships, concerns itself with the social rules and processes that connect and separate people not only as individuals, but as members of associations, groups, and institutions. Sociology is interested in our behavior as social beings; thus the sociological field of interest ranges from the investigation of short contacts between anonymous individuals on the street to the study of global social processes.



## **INTRODUCTION TO PSYCHOLOGY**

Grade 11-12 Soc. St. Elective *½ credit*

**Psychology** is the science that deals with the behavior and thinking of humans. Introduction to psychology will allow the student to discover and question this science. We will analyze the fundamental aspects of human behavior and explore misconceptions we have about human behavior. The class will compare and contrast the many theories of personality. We will explore the role that learning plays in behavior. Each student will understand the concepts of senses and perception. Lastly, the class will evaluate how motivation and emotions both affect human behavior. Students will gain a better understanding of themselves, learn more about adjusting to life, and gain more knowledge of how to solve some of life's problems.



# TECHNOLOGY & ENGINEERING EDUCATION

Technology Systems	(9-10)
Introduction to Engineering	(9-12)
3D Solid Modeling (SolidWorks)	(10-12)
Principles of Engineering	(10-12)
Materials Processing I	(9-12)
Materials Processing II	(9-12)
Wood Technics	(10-12)
Auto Technology	(10-12)*
Applied Welding	(9-12)
Small Engines	(9-12)
Super Mileage Car & Contest	(11-12)
Intro to Construction	(11)
Construction Technology	(12)
Home Maintenance	(10-12)
Home Maintenance for Ladies	(10-12)
Architectural Training	(10-12)
Adv. Architectural Training	(10-12)

\*Must have valid driver's license for Auto Tech.

## TECHNOLOGY SYSTEMS

9-10  $\frac{1}{2}$  credit

As technology changes the way we live, this course will help students grasp the underlying principles of our technical society. Through the use of hands-on activities, students will learn about the four areas of technology: Communications, Construction, Manufacturing, and Transportation. This class is a prerequisite for other Tech Ed classes. **Project fees are involved in taking this course.**

## INTRODUCTION TO ENGINEERING

9-12  $\frac{1}{2}$  credit Class Limit: 14

This science, technology, engineering and math (STEM) course is a basic introduction to engineering for all students.

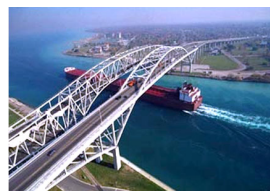
Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart-rates, rating consumer products, destructive testing and 3D solid modeling apply math, science, history, and English content from other courses in a STEM experience. This STEM course makes science and mathematics more engaging, interesting, concrete and relevant for all students. **Project fees may be involved in taking this course.**

## 3D SOLID MODELING (SolidWorks)

10-12  $\frac{1}{2}$  credit Class Limit Max: 14

**Recommended courses to take prior to this course: Technology Systems or Intro to Engineering**

Learning 3D design is an interactive process. Students learn best when they can explore the practical applications of the concepts that they learn. This STEM course has many activities and exercises that enable students to put design concepts into practice. Students create their ideas such as artificial heart components, extreme sports equipment, hip replacement parts, robotic arm components, musical instruments and their parts as well as many others. Ideas become reality in this course. Use of SolidWorks software will be a major component of this course.



## PRINCIPLES OF ENGINEERING

10-12  $\frac{1}{2}$  credit Class limit: 14

**Successful completion of Introduction to Engineering with a "C" or better, or instructor approval.**

This STEM course makes a contribution to the curriculum by providing opportunities for students to link content together and apply it to solve problems. More and more jobs demand advanced skills, requiring that people be able to learn, reason, think creatively, make decisions and solve problems. An understanding of science, technology, engineering and math (STEM) and their methods contribute in an essential way to these skills. This course's purpose is to provide a STEM-based education for all students. It will further help those students who may pursue a career in engineering. **Project fees may be involved in taking this course.** This course may be offered on an alternate year basis, depending upon enrollment and staffing.

## MATERIALS PROCESSING I

9-12  $\frac{1}{2}$  credit

This first course of two is designed to familiarize you with the various types of manufacturing systems and materials. The coursework will involve working with, but not limited to, various woods, plastics and metals. **Project fees are involved in taking this course.**



## MATERIALS PROCESSING II

9-12  $\frac{1}{2}$  credit

**Successful completion of Materials Processing I with a “C” or better or instructor approval.**

This course will expand on the skills acquired in Materials Processing I course, along with looking at commercial manufacturing systems and creating a mock commercial set-up in class. **Project fees are involved in taking this course.**



## WOOD TECHNICS

10-12  $\frac{1}{2}$  credit

**A “C” or better in Materials Processes I & Materials Processes II or instructor approval.**

Students in this class will learn the processes and techniques of building projects out of wood. They will learn how to finish and properly maintain these projects after they leave the lab. This class will focus on woodworking techniques and their applications. This class is limited to **15** students.

**Project fees are involved in taking this course.**

## AUTO TECHNOLOGY

10-12  $\frac{1}{2}$  credit **CLASS LIMIT:16**

**Prerequisites: Successful completion of Small Engines and students must have their driver’s licenses while enrolled in this course.**

This course is designed to give students an overview of power mechanic systems. Areas that will be covered will include automotive engines and body work. The student will also gain an understanding of the mechanical systems that support the engine. Shop activities will include safety orientation, automotive maintenance, tune-ups, mechanical design/engineering, and diagnostic work. **Students enrolling should have a basic understanding of engines and power.** The course time is divided equally between class time and shop activities.

## APPLIED WELDING

9-12  $\frac{1}{2}$  credit **Class size: 15**

**Recommended Course: Materials Processing I**

This course will help develop welding skills and techniques that are currently being used in industry today. Properties of different metals along with welding processes that include; ARC welding, MIG welding, TIG welding, Oxy-acetylene brazing and cutting processes. Students will be required to complete one project/repair using the welding techniques learned. There is an opportunity for students to receive WTC technical school credit through this course if they obtain at least a “B-“ for a final grade.

## SMALL ENGINES

9-12  $\frac{1}{2}$  credit

Small internal combustible engines are prevalent in all areas of our life. In this course, students will gain a better understanding of engine operation and theory, valve train, compression, fuels, and electronics. Students will disassemble and reassemble a small gas engine, do periodic maintenance, and use diagnostic equipment. Students will be required to bring in a small engine for repair or maintenance. Classroom and shop time will be equally divided.



## SUPER MILEAGE CAR & CONTEST

11-12  $\frac{1}{2}$  credit **Class size:12**

**“B+” or better in APPLIED WELDING and/or SMALL ENGINES & INSTRUCTOR PERMISSION**

This course will offer students the opportunity to advance their skills in the welding industry. Areas that will be explored include; CAD Operation, Blueprint Reading, Aluminum/Stainless Steel Welding, and Manufacturing. All basic welding procedures will be reviewed. Students will design, build and race a HMV throughout the state.

*This course was formerly named Advanced Welding.*

## INTRODUCTION TO CONSTRUCTION

11  $\frac{1}{2}$  credit

**Recommended courses to take prior to this course: Materials Processing I & II and Wood Technics.**

### **CLASS LIMIT: 15**

Basic introduction to construction will provide information needed to enroll in the Mauston High School Construction Class as well as expanding your knowledge of the building trades. You will learn all the aspects of light frame construction including site preparation, site layout, foundations, framing, insulating, sheathing, roofing, windows and doors, exterior finish, interior finish, and mechanical systems. Blueprint reading and drawing will be covered, as well as plumbing, electrical, and heating systems. Students may also have the opportunity to work on a job-site.



## CONSTRUCTION TECHNOLOGY

12 3 Credits

**Grade 12 only – instructor permission only (limited enrollment of 12 based on experience, attendance and grade records)**

This class will meet for a full year, everyday, for one block and one skinny. The students will build a home at MHS or on site off of the school grounds. Students will be responsible for rough and finish carpentry. The students will also assist with the sub-trades; plumbing, electrical, and heating. This home will be built in the sub-division near the school and will be sold at the completion of the school year.

**The student must purchase and supply their own leather nail apron, 25' tape measure, hammer, speed square, and utility knife.**



## HOME MAINTENANCE & HOME MAINTENANCE FOR LADIES

10-12  $\frac{1}{2}$  credit

**For students not enrolled or not planning to enroll in Introduction to Construction or Construction Technology.**

This course will focus on preventive maintenance procedures and troubleshooting techniques with home systems (including heating and cooling systems and exterior/interior building materials). Students will demonstrate skills in electrical wiring, basic plumbing, and construction on a mock interior wall. Basic small engine and car care may also be addressed. Course time will be split between shop and classroom. **Project fees are involved in taking this course.**

## ARCHITECTURAL TRAINING

9-12  $\frac{1}{2}$  credit

This course is designed to acquaint the student with the residential building industry. We will use a variety of up-to-date computer software programs. This is done by dividing the course into two basic segments—architectural drawing and architectural building. In the architectural drawing segment, each student will design and draw a complete set of architectural plans for a single family dwelling, keeping in mind initial costs of the building, maintenance costs, energy conservation, resale costs, and construction techniques. A scale model of this plan will then be built. This course may be offered on an alternate year basis, depending upon enrollment and staffing.



## ADVANCED ARCHITECTURAL TRAINING

10-12  $\frac{1}{2}$  credit

**Successful completion of Arch Training I with a “B” or better or instructor approval.**

This course will build on the skills acquired in Architectural Training. This course may be offered on an alternate year basis, depending upon enrollment and staffing.



## TUTORING

11-12 Elective *1/2 credit*

The tutoring program is designed to give the high school student an opportunity to work with elementary or middle school students in an educational setting. The basic educational goal is to provide the high school student an opportunity to acquire background knowledge and experience of what it may be like working with elementary or middle school students. (West Side, Lyndon Station, Grayside, St. Pat's or Olson Middle School) Transportation to and from West Side Elementary School or St. Pat's is required if you request to work with this age level student.

**Review Page 33 –**

### **Requirements for Tutoring/Volunteer Program/Office Aide Courses**

## YOUTH APPRENTICESHIP

11-12 1 credit per year

These one or two year programs are designed to integrate school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or advanced standing in a post-secondary technical program.

Upon successful completion of a Youth Apprenticeship program, students will receive, in addition to high school credit, a Certificate of Occupational Proficiency from the Wisconsin Department of Workforce Development for completion of a Level I program.

The following programs areas are available:

- Auto Collision
- Auto Technician
- Financial Services
- Health Services – Certified Nursing Assistants
- Hospitality – Food & Beverage
- Information Technology
- Lodging and Tourism
- Manufacturing
- Production Agriculture-Animals
- Production Agriculture-Crops/Plants

Current year students in Y.A. work at Culver's, Subway, Pizza Hut, Hearty Platter, McDonald's, Taco Bell, Wendy's, teller at area banks, work on family farms, work as Certified Nursing Assistants, or work in manufacturing industries.

See Mrs. Mead or Mr. Heesch for further program information.

## **Requirement (Prerequisites) For Tutoring/Volunteer Program/Office Aide Courses**

### **Academic Requirements**

1. A minimum cumulative 3.25 GPA the semester prior to enrolling in the class, or administrative approval
2. C- or higher in all classes in the previous quarter, or administrative approval

### **Attendance Requirements**

1. No UNV's previous quarter
2. 90% attendance previous quarter (4 days excused)
3. Maintain 90% attendance during the term of the course

### **Discipline Requirements**

1. No ALAC/Detentions in the previous quarter
2. No ISS/OSS during the previous semester
3. No discipline referrals of any kind during the term of the course (including phone, hat, and bus)

### **Other Requirements**

1. Must be on track to graduate with appropriate class\*\*
2. Students will follow the rules of the workplace environment (ie. Dress codes, etc.)
3. MHS Code of Conduct governs placements in addition to workplace specific rules.

\*\*The counseling department will decide if a student meets this requirement

### **Other Considerations**

-All of these program/courses will be "Pass/Fail"

-Students who do not maintain any of the above requirements will be removed from the course and placed in study hall/ALAC with a withdrawal grade of "Fail" and no credit awarded.

*The counseling department and administration reserve the right to review extenuating circumstances for placement into these programs*

1/5/09

# ADVANCED PLACEMENT

## WHAT IS ADVANCED PLACEMENT?

The Advanced Placement Program (AP) is a cooperative educational endeavor between high schools, colleges, or universities. It allows students to enroll in college-level courses while in high school, and gives them the opportunity to earn college credit by demonstrating mastery on an AP exam at the end of the course.

## AP EXAM

AP exams are given during the month of May. Exams are scheduled on specific days only.

## AP EXAM SCORES

AP exams are scored on a scale of one (low) to five (high). Students receive their grade reports in July. Most colleges and universities award college credit with a minimum AP exam scores of 3 or 4. However, there is not a uniform policy for all universities.

## BENEFITS OF AP

Students may receive credit, advanced placement or both at most colleges and universities. Students move into a higher level class at college as a freshman based upon the exam score. Ultimately, this could mean less time in college and a financial savings for each credit earned while in high school.

## COST OF AP EXAMS

Students must pay for each exam. The cost is approximately \$85 per exam. A \$13 deposit is required upon registering, in the event a student decides not to take the exam.

## AP EXAM TIMELINE

January – receive letter from school listing AP exam eligibility

March 14 – registration for AP exams and deposit due

May - AP exams

July – results of exams

## ADVANCED PLACEMENT COURSES

Advanced Placement Calculus, Biology, Statistics and Probability, Psychology, English Literature/Comp. and Human Geography are taught at MHS.

Other Advanced Placement course options are through JEDI Virtual School on-line program or our Distance Learning Network- NWECS (interactive) program:

AP Calculus AB

AP Chemistry

AP English Language and Composition

AP French Language and Composition

AP Spanish Language and Composition

AP Physics B

AP Microeconomics

AP Macroeconomics

AP US History

AP US Government & Politics

Students taking courses through NWECS or JEDI must agree to the reimbursement policy found on page 34.

## DUAL CREDIT – College Courses

Medical Terminology I

(Wis. Indianhead Tech - WITC)

Intro to Criminal Justice System

(Wis. Indianhead Tech-WITC)

Exploring the Corrections System

(Wis. Indianhead Tech-WITC)

Exploring Juvenile Justice

(Wis. Indianhead Tech-WITC)

English 101 (UW Barron County)

U.S. History 101 & 102 (UW Barron)

Math for Health Professionals (WITC)

Intro to Meteorology (UW Barron)

Sign Language Intrep (Northcentral Tech)

Written Communication (Northcentral Tech)

Dual credit courses – students receive both high school and college credit for courses. Courses must be pre-approved through Youth Options with counselors. **Read Page 35 - Policy #343.4(2)**

# ENRICHMENT COURSES

Students may have the opportunity to enroll in enrichment courses through JEDI Virtual School on-line program or our Distance Learning Network – NWECS (interactive) program.

Students interested in enrolling in any of these courses must obtain advanced approval from Mr. Dillin and their counselor.

## Enrichment Courses:

Journalism	Economics
Media Literacy	
Gothic Literature	Latin
Anthropology	French
Archaeology	German
Art History	Japanese
Entrepreneurship	Mandarin Chinese
International Business	Nutrition
Game Design	Ethics
Image Design & Editing	
Media Studies	
Hospitality & Tourism	

Students enrolling in JEDI or NWECS courses will be responsible for reimbursing the Mauston School District the course fees (approx. \$300 per course/per semester) if the student fails the course or withdraws after enrolling in the course.

**For further information, contact Mr. Dillin or your counselor.**

## Policy #343.4 (2)

The School District of Mauston will comply with the requirements of state statutes regarding the youth options program. The Board of Education delegates to the high school principal responsibility for determining student eligibility for the Youth Options Program.

The Board of Education reserves the right to require reimbursement from a Youth Options student for any Youth Options class for which the Board of Education expended district funds, if the student withdrew from the class or earns a failing grade.

The Board of Education restricts the number of credits paid for by the school district under the Youth Options Program during the junior and senior years to 18 credits.

## Policy #343.4 (2)



# Western Technical College

THE ESSENTIAL EXPERIENCE



## **CERTIFIED NURSING ASSISTANT**

11-12

*1 credit*

This course is offered through Western Technical College –Mauston campus. The course is recommended for anyone considering a career in nursing, physical therapy, lab technician, or other health careers. The emphasis is on job clusters in the health field. Care skills are taught through demonstration and hands on experiences in local hospitals and nursing homes. A final – State Boards test is given at the conclusion of the course. All participants must successfully pass this exam to earn a license to practice as a Skilled Nursing Assistant in Wisconsin. The School District of Mauston Youth Options Policy 343.4 applies to students enrolling in this course. ***Students will be responsible to pay a \$100 PROMISSOR test at the end of the course and a \$57.50 background check fee upon registering for the course.***

# MINIMUM GRADUATION REQUIREMENTS



## Graduation Requirements

<b>English</b>	<b>4 credits</b>
<b>Mathematics</b>	<b>3 credits</b>
<b>Social Studies</b>	<b>3 credits</b>
<b>Science</b>	<b>3 credits</b>
<b>Phyed</b>	<b>1 ½ credits</b>
<b>Health</b>	<b>½ credit</b>
<b>Personal Finance</b>	<b>½ credit</b>
<b>Electives</b>	<b>12.5 credits</b>

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**Minimum 28 credits**

## ENGLISH

English I	1.0 credit
English 10	½ credit
Communications 10	½ credit
American Literature	1.0 credit
2 terms English 11/12 choices	1.0 credit

## SOCIAL STUDIES

Social Science 9	1.0 credit
Civics 10	½ credit
World History 10	½ credit
American History 10	1.0 credit

## SCIENCE

Physical Science	1.0 credit
Biology I	½ credit
Zoology or Human Biology	½ credit
Minimum 1 credit of next level Science offerings	1 credit

**HEALTH** ½ credit – Grade 9 course

## PHYSICAL EDUCATION

Phyed 9	½ credit
Phyed 10	½ credit
Phyed 11	½ credit

## PERSONAL FINANCE

Personal Finance is required - ½ credit

**See Page 5 for course description**

*Mauston High School is a block scheduling school. 4 -90 minute block periods of classes per day. Four grading terms – nine weeks in length.*

## MATHEMATICS

For students who graduate in **2016** and beyond, 3.0 math credits will be required (and 12.5 elective credits) for graduation.