



MELROSE-MINDORO HIGH SCHOOL COURSE GUIDEBOOK

Dear Students and Parents/Guardians,

We are excited to share all of the course opportunities available at Melrose-Mindoro High School in the 2024-2025 school year. We are committed to providing our students with high quality classes that help prepare them for the variety of careers our students will go on to pursue. With a wide range of Career and Technical Education course offerings, college preparatory courses, and opportunities to earn college credits while in high school, we are confident Melrose-Mindoro High School will prepare students for success!

Please use the following suggestions to make the best choices for your educational experience here at Melrose-Mindoro High School:

- Before selecting your courses, be sure you know graduation requirements. Pay attention to the specific required courses and the number of credits required in each subject area.
- Review your transcripts, do not select course requirements that you have already completed.
- Ask teachers or school counselors questions regarding your credits and available courses.
- Select your courses thoughtfully. Your selections will be used to determine next year's staffing levels and courses.

To minimize schedule changes in the fall:

- Review prerequisite courses and requirements.
- Discuss your course selections with your parents/guardians now.
- Select courses aimed at your future, not because your friends are selecting those courses.
- Select courses related to classes that you might consider taking at a later date
- Create a four year plan

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GRADUATION REQUIREMENTS

The Melrose-Mindoro School District has established standard credit requirements for high school graduation. To graduate from Melrose-Mindoro High School, a student must complete a minimum of 25 credits including the following courses and sequencing:

| Department | Credit Total |
|--|--------------------|
| English | 4 credits |
| English 9 | 1 credit |
| English 10 | 1 credit |
| English 11 | 1 credit |
| English elective(s) | 1 credit |
| Math | 3 credits |
| Algebra or Geometry | 1 credit |
| Math elective | 1 credit |
| Math elective | 1 credit |
| Science | 3 credits |
| Physical Science | 1 credit |
| Biology | 1 credit |
| Science elective | 1 credit |
| Social Studies | 3 credits |
| Social Studies 9 | 1 credit |
| American History OR AP United States History | 1 credit |
| Civics OR AP American Government | 1 credit |
| Physical Education | 1.5 credits |
| Health Education | 0.5 credits |
| Health & Wellness | 0.5 credits |
| Personal Finance | 0.5 credits |
| Elective Credits | 9.5 credits |
| Total Credits | 25 credits |

*Adjustments and substitutions may be made for students transferring into the high school with comparable courses already completed or for students participating in alternative or specially designed high school programming.

School District of Melrose-Mindoro Classroom Instructional Materials Selection Policy

The Board is legally responsible for all matters relating to the operation of the School District. The responsibility for the selection of instructional materials; however, is delegated to the professionally trained certified personnel of the district.

Selection of materials may involve instructional media specialists, principals, teachers, school counselors, students, administrators, and community persons. Specific selection procedures shall be developed for use in the district.

School District of Melrose-Mindoro Non-Discrimination Policy

The School District shall not discriminate in the selection and evaluation of instructional and library materials on the basis of sex, religion, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability.

The Melrose-Mindoro School District does not discriminate against pupils on the basis of sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its education programs or activities. Title VI, Title IX and Section 504 are federal laws prohibiting discrimination in both education and employment on the bases of age, race, color, national origin, sex, religion, or handicap. The district encourages informal resolution of complaints under this policy. However, a formal complaint resolution procedure is available in the high school office.

Course List

| Course Name | Credit | Grade | Prerequisite(s) |
|--------------------------------|---------------|--------------|--|
| Agriscience | | | |
| Advanced Welding | 0.5 | 11, 12 | Foundations of Ag Mechanics or Instructor Approval |
| Agricultural Independent Study | 0.5 | 10, 11, 12 | Must have agriscience teacher approval |
| Food Preservation & Processing | 0.5 | 10, 11, 12 | Foundations of Ag |
| Foundations of Agriculture | 0.5 | 9, 10, 11 | |

| | | | |
|---|-----|---------------|----------------------------------|
| Foundations of Agriculture Mechanics | 0.5 | 9, 10, 11 | |
| Large Animal Science | 0.5 | 10, 11, 12 | |
| Plant Science | 0.5 | 10, 11, 12 | |
| Small Animal Science | 0.5 | 10, 11, 12 | |
| Small Engines | 0.5 | 10, 11, 12 | |
| Art | | | |
| Air Brush | 0.5 | 9, 10, 11, 12 | |
| Ceramic Pottery | 0.5 | 9, 10, 11, 12 | |
| Drawing | 0.5 | 9, 10, 11, 12 | |
| Fundamental Crafts & Art | 0.5 | 9, 10, 11, 12 | |
| Painting | 0.5 | 9, 10, 11, 12 | |
| Sculpture | 0.5 | 9, 10, 11, 12 | |
| Silk-Screen Printing | 0.5 | 9, 10, 11, 12 | |
| Business and Marketing | | | |
| Accounting I | 0.5 | 9, 10, 11, 12 | |
| *Accounting II | 0.5 | 9, 10, 11, 12 | Accounting I |
| *Business Principles | 0.5 | 9, 10, 11, 12 | |
| *Marketing | 0.5 | 9, 10, 11, 12 | |
| *Personal Finance | 0.5 | 10, 11, 12 | |
| *Retail Merchandising | 0.5 | 10, 11, 12 | Marketing or Business Principles |
| Sports and Entertainment Marketing | 0.5 | 9, 10, 11, 12 | Marketing |
| Yearbook Design and Desktop Publishing | 1 | 10, 11, 12 | |
| Computer Education | | | |
| Computer Applications I | 0.5 | 9, 10, 11, 12 | |
| Computer Applications II | 0.5 | 9, 10, 11, 12 | Computer Applications I |
| Computer Programming | 0.5 | 9, 10, 11, 12 | |
| English | | | |
| College Prep Literature | 0.5 | 12 | |
| College Prep Writing | 0.5 | 12 | |
| Drama Literature | 0.5 | 12 | |
| English 9 | 1 | 9 | |
| English 10 | 1 | 10 | |
| English 11 | 1 | 11 | |
| Journalism | 0.5 | 11, 12 | |
| Speech | 0.5 | 12 | |
| Family and Consumer Science and Health | | | |
| Career Planning | 0.5 | 11, 12 | |
| *Child Development | 1 | 10, 11, 12 | |
| Ethnic Foods | 0.5 | 10, 11, 12 | Foods I |
| Fashion and Design | 0.5 | 9, 10, 11, 12 | |

| | | | |
|-----------------------------------|-----|---------------|---|
| Foods I | 0.5 | 9, 10 | |
| * Food Service | 0.5 | 10, 11, 12 | Foods I |
| Health & Wellness | 0.5 | 10 | |
| Mathematics | | | |
| Advanced Algebra | 1 | 10, 11, 12 | Algebra & Geometry |
| Algebra & Math Fundamentals | 1 | 9, 10 | |
| AP Statistics | 1 | 11, 12 | Advanced Algebra |
| Calculus | 1 | 11, 12 | Pre-Calculus/Trigonometry |
| *College Algebra | 1 | 11, 12 | |
| Geometry | 1 | 9, 10, 11, 12 | Algebra |
| Integrated Mathematics | 1 | 11, 12 | |
| Pre-Calculus/Trigonometry | 1 | 11,12 | Advanced Algebra |
| Music | | | |
| Band | 1 | 9, 10, 11, 12 | |
| Choir | 1 | 9, 10, 11, 12 | |
| Physical Education | | | |
| Personal Fitness 11/12 | 0.5 | 11, 12 | |
| Physical Education 9 | 0.5 | 9 | |
| Physical Education 10 | 0.5 | 10 | |
| Physical Education 11/12 | 0.5 | 11, 12 | |
| Science | | | |
| Anatomy & Physiology | 1 | 10, 11, 12 | Biology |
| AP Biology | 1 | 11, 12 | B- or higher in Biology |
| Biology | 1 | 10, 11, 12 | |
| Chemistry | 1 | 11, 12 | Physical Science |
| Ecology | 1 | 11, 12 | |
| Physical Science | 1 | 9, 10, 11, 12 | |
| Physics | 1 | 12 | Physical Science, Chemistry |
| Social Studies | | | |
| American History | 1 | 10 | |
| AP American Government | 1 | 11, 12 | |
| AP Psychology | 1 | 11, 12 | Social Studies 9, American History, Biology |
| AP United States History | 1 | 10, 11, 12 | |
| Civics | 1 | 11 | |
| Current History | 0.5 | 10, 11, 12 | |
| Economics | 0.5 | 11, 12 | |
| Psychology | 0.5 | 10, 11, 12 | |
| Social Studies 9 | 1 | 9 | |
| World History | 0.5 | 9, 10, 11, 12 | |
| Technology and Engineering | | | |
| *CADD 1- Sketching and AutoCAD | 0.5 | 10, 11, 12 | |

| | | | |
|--|-----|---------------|--|
| *CADD 2- 3D Parametric Modeling | 0.5 | 10, 11, 12 | |
| *Carpentry 1 | 0.5 | 11, 12 | Wood Tech I or Foundations of Tech I and II or instructor approval |
| Carpentry 2 | 0.5 | 11, 12 | Carpentry I |
| Electronics and Robotics | 0.5 | 11, 12 | |
| Foundations of Technology Education I | 0.5 | 9, 10 | |
| Foundations of Technology Education II | 0.5 | 9, 10 | |
| Introduction to Engineering Design | 0.5 | 11, 12 | CADD 1 and CADD 2 |
| Wood Tech I | 0.5 | 10, 11, 12 | |
| Wood Tech II | 0.5 | 10, 11, 12 | Wood Tech I |
| World Language | | | |
| Spanish I | 1 | 9, 10, 11, 12 | |
| Spanish II | 1 | 10, 11, 12 | Spanish I |
| Spanish III | 1 | 11, 12 | Spanish II |
| Spanish IV | 1 | 12 | Spanish III |
| | | | |

* Transcribed with Western Technical College

AGRISCIENCE DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|--------------------------------------|--------|------------|--|
| Agriscience | | | |
| Advanced Welding | 0.5 | 11, 12 | Foundations of Ag Mechanics or Instructor Approval |
| Agricultural Independent Study | 0.5 | 10, 11, 12 | Must have agriscience teacher approval |
| Food Preservation & Processing | 0.5 | 10, 11, 12 | Foundations of Ag |
| Foundations of Agriculture | 0.5 | 9, 10, 11 | |
| Foundations of Agriculture Mechanics | 0.5 | 9, 10, 11 | |

| | | | |
|----------------------|-----|------------|--|
| Large Animal Science | 0.5 | 10, 11, 12 | |
| Plant Science | 0.5 | 10, 11, 12 | |
| Small Animal Science | 0.5 | 10, 11, 12 | |
| Small Engines | 0.5 | 10, 11, 12 | |

Agriculture Education involves the areas of production agriculture, agribusiness, mechanics & engineering, animal science, plant science, forestry, wildlife, landscape & design and welding. Agriculture classes focus on applying what you learn and how to apply the knowledge to real life events. There are many excellent and exciting careers in the broad field of Agriculture; many of the professional and skilled labor jobs go unfilled due to a lack of qualified people. The Agricultural Department's focus is to help prepare students for a career they are excited about as well as life beyond high school.

With the help of the three circle model (Classroom instruction, FFA, and Supervised Agricultural Experience (SAE)), students will be able to learn practical and useful skills of the agricultural sciences, and be able to participate in the many wide variety of activities that the National FFA Program has to offer. FFA is an Intracurricular organization, meaning FFA is involved in curriculum and day to day lessons. With FFA and classroom instruction, students will be able to develop qualities that employers are looking for: leadership, creativity, work experience, the ability to articulate ideas, plan successfully, adapt to new and unique situations and have the confidence to do it.

“Learning to do, doing to learn, earning to live, living to serve”-- FFA Motto

Advanced Welding

Length: Semester (spring) Credit: .5

Offered to: Juniors and Seniors

Prerequisite: Foundations of Ag Mechanics or instructor's approval

Advanced Welding is designed to further develop welding and metal related skills, building off our current beginning welding unit in Foundations of Ag Mechanics class. This is both a high skill and high demand career area. Welding is one of the fastest-growing occupations today. It has developed rapidly to meet the needs of new manufacturing processes. Welding, as well as many of the skilled trades, is presently in extremely high demand in both Wisconsin and the United States. There is currently a huge shortage nationwide in the skilled trade occupations. Employment opportunities exist in factory production and in heavy construction in almost every industry in which metal is used. With the majority of the professionals in the skilled trades due to retire in the next few years, qualified welders are in demand!

There will be several individual skill tests using both basic and advanced techniques.

This class will be taught by a certified welder; therefore students will learn what skills are required to become certified and marketable in this high demand career. Students will work with Mig, Tig, Stick, Gas as well as Plasma cutting Table.

Agricultural Independent Study

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Prerequisite: Must have instructor's approval

The Ag Independent Study course is designed for students who want to be FFA members but are struggling to fit an ag class into their schedule. Taking the independent study course will require you to work on projects including, but not limited to: Students will be required to have a

Supervised Agricultural Experience. This also may include filling out FFA Proficiency(ies) and FFA Degrees

Food Preservation & Processing

Length: Semester Credit: 0.5

Offered to: Sophomores through Seniors

Prerequisite: Foundations of Ag

This course is offered for students who are interested in food preservation and processing. We will explore jobs and careers that are related to the processing of dairy foods, vegetables, fruits, meats. Topics include careers, food preservation and processing, nutrition, food chemistry, microbiology, food packaging and labeling, food safety & sanitation, food inspection, grading and processing techniques. Students will be making processed meat products, grading and processing vegetables, and making and processing numerous dairy foods including cheese, yogurt, and ice cream. Field trips to local processing industries will be an important part of this course.

Foundations of Agriculture

Length: Semester Credit: .5

Offered to: Freshmen and Sophomores

Foundations of Agriculture is an entry level class intended for freshman students that want to learn more about a large variety of agricultural subjects and career opportunities. Units include: FFA, leadership & community service, small animals, large animals, and plant science. This course is strongly recommended for freshmen, and it is recommended to take this class before any of the other agriculture classes.

Jackson County Fair livestock information: In order to exhibit livestock at the Jackson County Fair a student must earn 2 educational credits. There are a variety of ways to earn educational credit. Foundations of Agriculture will count as 1 education credit toward the fair requirement and only one 1 agriculture education credit per school year can be applied to the fair 2 credit requirement. Please contact your agriscience teacher with any questions or concerns regarding showing livestock at the Jackson County Fair.

Foundations of Agriculture Mechanics

Length: Semester Credit: .5

Offered to: Freshmen and Sophomores

Foundations of Agricultural Mechanics is an entry level course intended for first year agriculture students. Throughout the semester students will learn about: FFA and mechanical opportunities, welding (Mig, Tig, Stick, Gas), tool safety, tool identification, as well as small scale fabrication. Depending on time other units may be added. This course is required to be completed before taking Advanced Welding.

Large Animal Science

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

This course focuses on the care and management of large animals, animal nutrition, health, behavior, reproduction, animal husbandry, anatomy & physiology, handling & training, grooming, careers, leadership and history of the large animal industry. This course is designed for students who are interested in large animals, large animal vet, farming, showing large animals

and large animal vet technician. Large animals will be handled during this course; a permission slip will be required to be signed by students and parents/legal guardians to handle large animals. **Course topics may include product processing and marketing if time allows.** Jackson County Fair livestock information: In order to exhibit livestock at the Jackson County Fair a student must earn 2 educational credits. There are a variety of ways to earn educational credit. Foundations of Agriculture will count as 1 education credit toward the fair requirement and only one 1 agriculture education credit per school year can be applied to the fair 2 credit requirement. Please contact your agriscience teacher with any questions or concerns regarding showing livestock at the Jackson County Fair.

Plant Science

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

The Plant Science course provides knowledge about the propagation of plants for food and fiber, soil science, irrigation, weed control, growing mediums, plant parts, plant/crop identification, plant/crop care, as well as preparing students with the knowledge and skills needed to produce various crops/plants. Students will be in charge of helping with the outside school gardens, the tower garden and the hydroponic systems. Students will be actively handling seeds, soil, water, and other equipment necessary for plant propagation, production and harvesting. FFA will be included in this class.

Small Animal Science

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Small Animal Science focuses on the care and management of small animals, animal nutrition, health, behavior, reproduction and animal husbandry, anatomy and physiology, use of analyses for decision-making, facilities for small animals, handling and grooming. This course is designed for students who are interested in small animal science/care, veterinary science and becoming a veterinary technician. Live animal handling will occur during this class, a permission slip will be required to be signed by student and parent/legal guardian to handle animals. FFA will also be utilized during this course.

Small Engines

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Credential Earned: Briggs & Stratton Master Service Technician Certification

Students study the theory and operation of two and four-cycle engines, small engine maintenance and repair of various other types of engines will fill up the balance of the semester. Small Engines is offered in the first semester every year. First quarter is based on theory as well as how small engines operate. Textbooks will be used in the first quarter. Second quarter is putting the knowledge students learned to the test! Students will take apart, identify parts and their use as well as rebuild a Honda Engine provided by the school. Students will earn the Master Service Technician certificate through Briggs and Stratton Online curriculum.

ART DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|--------------------------|--------|---------------|-----------------|
| Art | | | |
| Air Brush | 0.5 | 9, 10, 11, 12 | |
| Ceramic Pottery | 0.5 | 9, 10, 11, 12 | |
| Drawing | 0.5 | 9, 10, 11, 12 | |
| Fundamental Crafts & Art | 0.5 | 9, 10, 11, 12 | |
| Painting | 0.5 | 9, 10, 11, 12 | |
| Sculpture | 0.5 | 9, 10, 11, 12 | |
| Silk-Screen Printing | 0.5 | 9, 10, 11, 12 | |

Air Brush

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in a variety of airbrushing techniques. Color theory and principles of design will be used and reintroduced in studio assignments. Students will work on projects individually. This class will use and expand upon previous knowledge. Students will use the following art skills:

1) drawing skills 2) fundamental knowledge of color theory 3) knowledge of basic geometric shapes. Additional skills incorporated in this class will include drawing skills and principles of design. Students will develop an understanding of the use of airbrushes, as well as incorporate their creative skills through various airbrushing studio studies. Please note (subject material) images to work from are the responsibility of the student. The student will need to put together a collection of images that interest them.

Ceramic Pottery

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in a variety of hand built pottery techniques. Students will work on projects individually. This class will use and expand on previous knowledge. Students will be expected to use these core art skills: 1) drawing skills 2) fundamental knowledge of coil and slab pottery construction techniques. This class will incorporate principles of design and develop your abilities to incorporate your creative skills through a variety of hand built pottery studies.

Drawing

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in a variety of drawing techniques. Color theory and principles of design will be used and reintroduced in studio assignments. Students will work on projects individually. This class will use and expand upon previous knowledge. Students will develop: 1) drawing skills 2) skills representing values and light sources. Fundamental knowledge of portrait, figure, still life and wildlife studies will be addressed. This class will incorporate principles of design and develop your abilities, as well as incorporate your creative skills through various two dimensional studio studies.

Fundamental Crafts & Art

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in a variety of hands-on creative projects. Students will work on projects individually and in small groups. This alternative class will develop basic creative skills. In this class a student will explore the following fundamental art skills: 1) drawing skills 2) fundamental knowledge of coil and slab pottery construction techniques and issues of color theory. This class will incorporate drawing skills, principles of design and develop your abilities, as well as incorporate your creative skills through a variety of hands-on projects.

Painting

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in a variety of drawing techniques. Still life, portrait and wildlife will be the main subject areas. This class will use and expand upon previous knowledge. Color theory and principles of design will be used and reintroduced through studio assignments. This class will incorporate principles of design and develop your abilities. You will incorporate your creative skills through various two dimensional studio studies. Students will work on projects individually. Drawing skills are required. Content covered in this class includes accurate-realistic studies, stylized image, pointillism and close-ups.

Sculpture

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in various sculpture techniques: hand building clay sculpture, constructive and subtractive sculpting techniques. Understanding of the types of balance, shape and form will be explored. Students will work on projects individually and in small groups. This class will use and expand upon previous knowledge and incorporate drawing and painting skills.

Silk Screen-Printing

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

In this class students will engage in various screen print techniques. Students will work on projects individually and in small groups. This class will use and expand upon previous knowledge. To enter this class a student is expected to have these core art skills: 1) drawing skills 2) knowledge of color theory. This class will incorporate drawing skills, color theory, principles of design and develop your abilities as well as incorporate your creative skills through various printing processes.

BUSINESS AND MARKETING DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|------------------------|--------|-------|-----------------|
| Business and Marketing | | | |

| | | | |
|--|-----|---------------|----------------------------------|
| Accounting I | 0.5 | 9, 10, 11, 12 | |
| *Accounting II | 0.5 | 9, 10, 11, 12 | Accounting I |
| *Business Principles | 0.5 | 9, 10, 11, 12 | |
| *Marketing | 0.5 | 9, 10, 11, 12 | |
| *Personal Finance | 0.5 | 10, 11, 12 | |
| *Retail Merchandising | 0.5 | 10, 11, 12 | Marketing or Business Principles |
| Sports and Entertainment Marketing | 0.5 | 9, 10, 11, 12 | Marketing |
| Yearbook Design and Desktop Publishing | 1 | 10, 11, 12 | |

* Transcribed with Western Technical College

Accounting I

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

Did you know that most business majors and minors require an introductory accounting course? Prepare now and get a head start on your post-secondary education. The field of accounting offers challenging tasks, advancement potential, skill building, and the chance to play a vital role in evaluating business deals, growth, and investment strategies. This course introduces you to one of the most highly paid, in demand professions. Throughout this course you will learn the accounting cycle for service businesses and explore careers in accounting.

Accounting II

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

Prerequisite: Accounting I

***Transcribed with Western Technical College**

Accounting is a high demand and high paying career that is a necessary business function for all areas of business. This course builds upon the accounting principles learned in Accounting I. Throughout this course you will learn how to complete accounting functions for merchandising businesses and analyze the managerial application of accounting.

Business Principles

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

***Transcribed with Western Technical College**

A career in business can be as diverse as marketing, entrepreneurship, accounting, communication, and management, and this course lays the groundwork for exploration into these disciplines. In this course, you will learn the economic foundations of business, small business ownership, business management, and business career exploration. These skills will be put into practice as you create a business plan for a business of your choice.

Marketing

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

***Transcribed with Western Technical College**

Are you interested in a career in business that allows you to work with people and use your creativity? This course is designed to give students hands-on marketing experience by

introducing them to marketing concepts and functions. Major concepts covered include the marketing mix, customer segmentation, advertising and promotion, and personal selling. You will apply your learning to the operations of the school store.

Personal Finance

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Required for graduation

***Transcripted with Western Technical College**

This hands-on class takes you through some of the most important financial situations that you will be forced to deal with in the near future including banking, credit, saving, budgeting and the importance of credit scores. It will include insurance of vehicle purchasing, rental leases and credit cards. This class will help you get started in your financial life and hopefully help prevent common financial mistakes. Practical tips on saving and stretching your income to meet expenses will be stressed.

Retail Merchandising

Length: Semester Credit : .5

Offered to: Sophomores through Seniors

Prerequisite: Marketing or Business Principles

***Transcripted with Western Technical College**

Students will learn the ins and outs of retail business operations by managing the business activities of the Mustang Corral School Store. Student responsibilities would include managing employees, researching and ordering merchandise, tracking inventory, and overseeing general store upkeep. This is a lab class that allows students to apply concepts learned in prior business classes.

Offered alternate years (offered 2025-2026)

Sports and Entertainment Marketing

Length: Semester Credit : .5

Offered to: Freshmen through Seniors

Prerequisite: Marketing

This course introduces students to the world of sports and entertainment marketing. This course explores marketing concepts including sponsorship, licensing, and more through the sports and entertainment industry. Students will complete projects related to the sports and entertainment field and explore the career field.

Offered alternate years (offered 2024-2025)

Yearbook Design and Desktop Publishing

Length: Year Credit : 1

Offered to: Sophomores through Seniors

See your work in print and document the story of the year by showcasing your classmates in the Yearbook. In this project-based class, you will work collaboratively by using technology including digital cameras, photo editing software, and online design software to digitally produce a yearbook. You will use writing skills and communication skills to creatively document the story of the school and your peers. You will also be able to use your design skills in various projects for the school and community. Course could be taken multiple times

COMPUTER DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|---------------------------|--------|---------------|-------------------------|
| Computer Education | | | |
| Computer Applications I | 0.5 | 9, 10, 11, 12 | |
| Computer Applications II | 0.5 | 9, 10, 11, 12 | Computer Applications I |
| Computer Programming | 0.5 | 9, 10, 11, 12 | |

Computer Applications I

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

Students will get first hand experience with computer peripherals like scanners, digital cameras, printers, etc. Students will complete a variety of photo editing and sound editing tasks. This class will encourage individual creativity but practical real world tasks will also be covered.

Computer Applications II

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

Prerequisite: Computer Applications I

Students will complete web design and video editing projects. This class will prepare students for more advanced web based designs and applications. This class will encourage individual creativity but practical real world tasks will also be covered. Careers in computer science will be explored. Strongly recommended for those students pursuing design and computer and technology fields.

Offered alternate years (offered 2024-2025)

Computer Programming

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

Prerequisite: Algebra and Math Fundamentals

Students will investigate the fundamentals of computer programming. Students will design and execute programs in one of the current programming languages using a structured, modular programming hierarchy. Students will write interactive programs as well as graphics programs.

Offered alternate years (offered 2025-2026)

ENGLISH DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|-------------------------|--------|--------|-----------------|
| English | | | |
| College Prep Literature | 0.5 | 12 | |
| College Prep Writing | 0.5 | 12 | |
| Drama Literature | 0.5 | 12 | |
| English 9 | 1 | 9 | |
| English 10 | 1 | 10 | |
| English 11 | 1 | 11 | |
| Journalism | 0.5 | 11, 12 | |
| Speech | 0.5 | 12 | |

College Prep Literature

Length: Semester **Credit: .5**

Offered to: Seniors

Students examine and discuss English Literature from 440 A.D. to 1914 A.D. Major works will include Chaucer's Canterbury Tales and Shakespeare's Macbeth. Historical as well as literary background will be provided. Primary emphasis will be placed on poetry through the ages and the historical events that shaped it. Students will give oral reports as well as written responses.

College Preparatory Writing

Length: Semester **Credit: .5**

Offered to: Seniors

This course is designed to introduce students to college level writing. Students move beyond the scope of high school writing, and learn to write in various formats that are expected in their appropriate field such as; the sciences and lab report writing, literature analysis, research and reporting, and analytical writing. The class also focuses on grammar, concision, and word choice. Students that enroll in this course should expect to write on a daily basis, and to write multiple essays throughout the semester.

Drama Literature

Length: Semester **Credit: .5**

Offered to: Seniors

Students will read and study drama chosen from historical and modern times with an emphasis on the development of drama. Students will write in response to the plays using research skills and proper essay techniques learned in previous English courses. In addition, students will compose and perform dramatic material in the classroom. This course will develop a basic understanding of human nature and culture. Oral reading and role-playing will be required.

English 9

Length: Year **Credit: 1**

Offered to: Freshmen

English 9 is a required course for all 9th grade students that emphasizes analytical techniques such as; locating and explaining relevant evidence within a text, making predictions, and connecting text to real world situations. Students will examine various types of texts such as *Of Mice and Men*, *The Odyssey* graphic novel, and *Romeo and Juliet*. The Study Sync curriculum

will be applied to all texts utilized in the class. Study Sync will additionally be utilized in thematic units throughout the course. Emphasis is also placed on grammar, and building vocabulary skills throughout the year.

English 10

Length: Year Credit: 1

Offered to: Sophomores

English 10 is a general survey course required of all sophomores. It is designed to cover writing skills, analysis of literature, and speaking. Study Sync curriculum has been adopted which includes four main units. First semester the students will cover Unit 1: The Power of Communication and Unit 2 which includes the novel Night by Elie Wiesel. Second semester will focus on the thematic Unit 5: Chopped, Stirred, and Blended, and then will move to Unit 6 which includes the novel To Kill a Mockingbird. In addition, an ACT grammar unit, informative speaking unit and ACT prep will be included throughout the year.

English 11

Length: Year Credit: 1

Offered to: Juniors

English 11 will focus on strengthening skills in the areas of reading, writing, speaking, listening, and research competency. Study Sync will continue in English 11. First semester students will cover the thematic Unit 4: Living the Dream, followed by Unit 5 which includes the novel, The Great Gatsby. Second semester will cover the novel The Road, which will be read in literature circle groups where students will focus on collaboration, communicating effectively, and time-management. Students will also be working through an additional Study Sync thematic unit. ACT prep will be included throughout the year with emphasis on reading, English and writing portions.

Journalism

Length: Semester Credit: .5

Offered to: Juniors and Seniors

This course focuses on the basics of journalism, the ethics of journalism, major events in the history of journalism, and digital journalism formats. The course moves outside of the form of print journalism, and students examine the new world of news media. This is a project based course that emphasizes hands-on learning.

Speech

Length: Semester Credit: .5

Offered to: Seniors

This course is an extension of the fundamentals learned in the English 10 speech unit. Informative, persuasive, and/or special occasion speeches will be given to improve writing and delivering skills. A unit on non-verbal communication will include pantomiming and lip syncing. Group discussion roles and techniques will be studied and applied in a "group presentation."

FAMILY AND CONSUMER SCIENCE AND HEALTH EDUCATION DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|---|--------|---------------|-----------------|
| Family and Consumer Science and Health | | | |
| Career Planning | 0.5 | 11, 12 | |
| *Child Development | 1 | 10, 11, 12 | |
| Ethnic Foods | 0.5 | 10, 11, 12 | Foods I |
| Fashion and Design | 0.5 | 9, 10, 11, 12 | |
| Foods I | 0.5 | 9, 10 | |
| *Food Service | 0.5 | 10, 11, 12 | Foods I |
| Health & Wellness | 0.5 | 10 | |

* Transcribed with Western Technical College

Family and Consumer Sciences is a field of knowledge concerned with preparing people for independence, family, employment and life by applying knowledge from a variety of educational disciplines. Courses are designed to develop the total well-being of the student, empowering them to become healthy, well adjusted, self-confident, productive individuals, family members and employees. Family & Consumer Science courses are aligned with 10 of the 16 Career Clusters in the state of Wisconsin. Some examples of the ways we are preparing students for college or Careers are offering the following courses:

Career Planning

Length: Semester Credit: .5

Offered to: Juniors and Seniors

Career Planning is, as its title implies, a course that helps students plan their career. The course is designed for students who are seeking employment following graduation, entering the military, or attending college. With the skills learned, students will be able to better evaluate career choices based on their abilities and aptitudes and to better their chances in attaining jobs with improved letter and resume writing and interviewing skills. The course is divided into two phases: making career choices and learning the skills necessary to attain that career. In the first phase, students can expect to determine personal interests, abilities, and work values and apply them to a career selection. They will investigate requirements, conditions, and outlook for specific occupations. The second phase will aid students in honing the skills necessary to attain a job. Students can expect to write letters of inquiry and application. Topics covered will include social security, employment eligibility, resumes and withholding forms for income taxes. In addition, students will learn and apply interview skills in mock job interviews. Finally, students can expect to analyze their paycheck, differentiate between unions and professional organizations, and compare earnings, fringe benefits, and hours of jobs in the local geographic area. A wide variety of speakers will also come to share their career choice.

Offered alternate years (offered 2024-2025)

Child Development (Transcribed with Western Technical College - 3 college credits)

Length: Year Credit: 1

Offered to: Sophomores through Seniors

***Transcripted with Western Technical College - 3 college credits**

Are you interested in a career that involves working with children? Elementary education, pediatric nursing and day care teacher are examples of some careers. The goal is to prepare you to earn the 40-hour Child Care Assistant Certification (optional) that will allow you to work in a child care center at an entry level position. Learning activities will be devoted to the study of the developing child from infancy through school-age. You will be involved in organizing, planning and carrying out activities for children. First semester will focus on parenting while the second semester will focus on the developing child. There will be opportunities to work with our elementary youth. Students completing both semesters with a C average have the opportunity to receive 3 transcribed college credits through Western Technical College.

Offered alternate years (offered 2025-2026)

Ethnic Foods

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Prerequisite: Foods I

This course will help students understand food as a social function in various ethnic settings within the United States and other countries. From meal preparation to presentation students will experience the relationship between food and cultures. Students will explore the best known food heritage within the celebration of a culture's holiday or cultural event. Accordingly, some research/reading will be required in addition to meal preparation.

Offered alternate years (offered 2025-2026).

Fashion & Design

Length: Semester Credit: .5

Offered to: Freshmen through Seniors

Beginning level sewing/garment care and construction will be covered in this class. Students will discover how clothing choices are made and express their own individuality in creating a mix of projects using fleece, denim, and other materials. Some materials will be provided by the teacher and others will be provided by students. The cost of the projects varies with the student's choice. Color and design, fibers to fabrics, sewing techniques and recycling apparel will be explored.

Offered alternate years (offered 2024-2025).

Foods I

Length: Semester Credit: .5

Offered to: Freshmen and Sophomores

Do you like to prepare food? If yes, this course is for you. This course explores food and how it relates to social interaction, how eating patterns are formed, and how the family transmits societal norms and culture through food. Emphasis is placed upon basic food methods, technology, My Plate Nutrition, Dietary Guideline, meal planning and how to be a wise consumer.

Food Service (Transcripted with Western Technical College - 5 college credits)

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Prerequisite: Foods I

***Transcripted with Western Technical College - 5 college credits**

Careers in the food and tourism industries are among the fastest growing occupations in the world, and there are many interesting and challenging opportunities for employment. The course will help students examine careers related to food, hospitality and tourism. Students will acquire skills used in the food service industry. They will apply food science principles in laboratory situations and will develop advanced food preparation techniques such as decorating, garnishing, food sculptures, beverages, candy making, sauces and food as gifts.

Offered alternate years (offered 2024-2025).

Health & Wellness

Length: Semester Credit: .5

Offered to: Sophomores

Required for graduation

Health & Wellness concerns the knowledge, confidence, and resource strategies for making decisions about current health concerns. The course will provide students with resources and skills for dealing with critical wellness issues in a rapidly changing global society.

MATHEMATICS DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|-----------------------------|--------|------------|-----------------|
| Mathematics | | | |
| Advanced Algebra | 1 | 10, 11, 12 | Geometry |
| Algebra & Math Fundamentals | 1 | 9, 10 | |

| | | | |
|---------------------------|---|---------------|---------------------------|
| AP Statistics | 1 | 11, 12 | Advanced Algebra |
| Calculus | 1 | 11, 12 | Pre-Calculus/Trigonometry |
| *College Algebra | 1 | 11, 12 | Advanced Algebra |
| Geometry | 1 | 9, 10, 11, 12 | |
| Integrated Mathematics | 1 | 11, 12 | |
| Pre-Calculus/Trigonometry | 1 | 11,12 | Advanced Algebra |

* Transcribed with Western Technical College

Advanced Algebra

Length: Year Credit: 1

Offered to: Sophomores through Seniors

This course is a continuation of the ideas begun in Algebra I and Geometry with a more in-depth look at the structure of each and a greater emphasis on problem solving. Topics will include solving systems of linear equations, understanding variations, polynomials, and quadratic functions as well as how to solve, graph, and apply them.

Algebra & Math Fundamentals

Length: Year Credit: 1

Offered to: Freshmen and Sophomores (placement from 8th grade)

Algebra is a fundamental introduction to high school mathematics. The core Algebra curriculum includes variable expressions, functions, and graphs. A heavy emphasis is placed on Linear relationships in an effort to lead towards an understanding of Quadratic, Exponential, and other relationships covered in later courses. Students are expected to become knowledgeable of the vocabulary and skillful in solving a variety of mathematical problems along the way.

AP Statistics

Length: Year Credit: 1

Offered to: Juniors and Seniors

Prerequisite: Completed Advanced Algebra

The Advanced Placement Program offers a course to students who wish to complete studies equivalent to a one-semester, introductory, non-calculus-based, college course in statistics. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. All students who are willing to accept the challenge of a rigorous academic curriculum are encouraged to enroll in AP Statistics. Students who pass the AP Exam may be awarded college credit. The cost to take the AP Exam is approximately \$96. Successful completion of the course does not guarantee passing the AP Exam for college credit. A graphing calculator will be required in this course. Casio 9750 GII recommended.

Calculus

Length: Year Credit: 1

Offered to: Students who have completed Pre-Calculus

This course covers the basics of Calculus. The topics covered will include some from previous mathematics work, such as functions, continuity, and trigonometry. The majority of the topics will be devoted to differentiation, integrals, the fundamental theorem, and the applications of each. A graphing calculator will be required for this course.

College Algebra

Length: Year **Credit:** 1

Offered to: Juniors and Seniors

Prerequisite: Completed Advanced Algebra

***Transcribed with Western Technical College - 3 college credits**

Includes fundamental topics covered in Intermediate Algebra with a more careful look at the mathematical details and a greater emphasis on the concept of function. Covers quadratic, polynomial, rational, exponential and logarithmic functions, equations and inequalities; the use of matrices and determinants in solving linear systems of equations, solving non-linear systems; sequences and series.

Geometry

Length: Year **Credit:** 1

Offered to: Students who have completed Algebra I (in high school or in 8th grade)

Much of geometry is about measuring. The prefix geo- means "earth" and the suffix-metry means "measure." Geometry is also about shapes, their properties, and relationships. Furthermore, geometry is closely related with other branches of mathematics such as algebra, logic, probability, and trigonometry. Understanding the logical structures of geometry is important to your success in this course. You will learn what it means to define a term, test a conjecture, and prove a theorem. You will see patterns, shapes, sizes, illusions, and similarities. Students are required to have a calculator for this class.

Integrated Mathematics

Length: Year **Credit:** 1

Offered to: Juniors and Seniors

Integrated Mathematics combines various areas of mathematics into one course. We will study algebra, probability, statistics, geometry, trigonometry, and logic. The use of computer and calculator technology will be utilized throughout the course. Mathematics will also be applied to various areas of work and life. A calculator is required for all students enrolling in this course.

Pre-Calculus/Trigonometry

Length: Year **Credit:** 1

Offered to: Students who have completed Advanced Algebra

This course will prepare students for more advanced work in mathematics and extend the ideas covered in Advanced Algebra. Logic, logarithms, matrices, polar coordinates, and advanced trigonometry are special areas that will be covered during the year. The use of graphing calculators will be emphasized throughout the curriculum. Casio 9750 GIII recommended.

MUSIC DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|--------------------|---------------|---------------|------------------------|
| Music | | | |
| Band | 1 | 9, 10, 11, 12 | |
| Choir | 1 | 9, 10, 11, 12 | |

Band

Length: Year Credit: 1

Offered to: Freshmen through Seniors

The Mustang Band is a performance-based class, featuring Marching Band, Pep Band, and Concert Band. The Marching Band performs at nearby parades in the fall and summarizes the season with a Marching Review concert. The Pep Band performs at selected home sporting events. The Concert Band performs at the Winter, Pops, and Spring Concerts, as well as at Large Group Contest and Graduation. Band members may also participate in Jazz Band and Solo/Ensemble. Rehearsals are held each day, and lessons are scheduled during the school week.

Choir

Length: Year Credit: 1

Offered to: Freshmen through Seniors

The Mustang Choir is a performance-based class. Performances will include: the Fall Concert, Winter Concert, Mid-Winter Concert, Spring Concert, Graduation, Memorial Day and performances of the National Anthem at a variety of sporting events throughout the year. Solo/Ensemble Festival is an optional part of the program. Participation in Large Group Contest is required as it takes place during the school day. Weekly lessons are scheduled for small groups and students will learn a wide variety of music throughout the school year. This class welcomes any student that is interested in vocal training, improving their singing ability, and singing in a choir.

PHYSICAL EDUCATION DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|---------------------------|--------|--------|-----------------|
| Physical Education | | | |
| Personal Fitness 11/12 | 0.5 | 11,12 | |
| Physical Education 9 | 0.5 | 9 | |
| Physical Education 10 | 0.5 | 10 | |
| Physical Education 11/12 | 0.5 | 11, 12 | |

Personal Fitness 11/12

Length: Semester Credit: .5

Offered to: Juniors and Seniors

Students will have the opportunity to research, discuss, and create their own personalized workout plan. Following the creation of the plan, students will follow their personal exercise plan in hopes to improve personal fitness in whichever area(s) they choose.

Physical Education 9

Length: Semester Credit: .5

Offered to: Freshmen

This course includes Physical Fitness, Track & Field, Softball, Badminton, Basketball, Volleyball, Dance, Weight Training, and four (4) 1 mile endurance runs.

Physical Education 10

Length: Semester Credit: .5

Offered to: Sophomores

This course includes Soccer, Flag Football, Physical Fitness, Pickle Ball, Golf, Lacrosse, Volleyball, Weight Training, and four (4) 1 mile endurance runs.

Physical Education 11/12

Length: Semester Credit: .5

Offered to: Juniors and Seniors

This course includes units on Softball, Speedball, Snowshoe, Cross-Country Skiing, Broomball, Petica, Frisbee Golf, Soccer, Ultimate Frisbee, Pickle Ball, Volleyball, Badminton, recreational games, and Basketball.

SCIENCE DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|----------------------|--------|---------------|-----------------------------|
| Science | | | |
| Anatomy & Physiology | 1 | 10, 11, 12 | Biology |
| AP Biology | 1 | 11, 12 | B- or higher in Biology |
| Biology | 1 | 10, 11, 12 | |
| Chemistry | 1 | 11, 12 | Physical Science |
| Ecology | 1 | 11, 12 | |
| Physical Science | 1 | 9, 10, 11, 12 | |
| Physics | 1 | 12 | Physical Science, Chemistry |

Anatomy & Physiology

Length: Year **Credit:** 1

Offered to: Sophomores through Seniors

Prerequisite: Biology

The course is designed to convey general concepts, methods, and applications of anatomy and physiology. The class will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn about bacteria, viruses, and fungi and the diseases caused by these microorganisms and their treatments. This course will involve laboratory activities, projects, dissections, etc.

AP Biology

Length: Year **Credit:** 1

Offered to: Juniors and Seniors

Prerequisite: B- or higher in Biology

Advanced Placement Biology is designed to offer students a solid foundation in college level introductory biology based on the belief that many students are ready for college work while still in high school. This course is aligned to the College Board AP Biology Curriculum Framework and is based on four Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about living organisms and biological systems. Twenty-five percent of instructional time is devoted to hands-on laboratory work with an emphasis on inquiry-based investigations. Investigations require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.

Upon completion of the course students should be able to have the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students who earn a qualifying score on the AP Biology Exam are typically eligible to receive college credit and placement in an advanced science courses in college; please note that this varies by university, so please look into the AP Exam scores of the colleges to which you are applying.

Biology

Length: Year **Credit:** 1

Offered to: Sophomores through Seniors

Required for graduation

Biology is a year-long course and is a required course to complete high school. It is designed to develop an understanding of living organisms, with emphasis on ecological relationships between man, environment, and other living organisms.

Chemistry

Length: Year Credit: 1

Offered to: Juniors and Seniors

Prerequisite: Physical Science

Chemistry is an elective science course designed to accommodate students who plan on going to college as well as those interested in careers in the science or health fields. Chemistry is a fast-paced course which integrates science theory, mathematical calculations, and laboratory experiences. The following topics are typically covered over the course of the year: the structure of matter, the periodic table, chemical bonding, the mole concept, stoichiometry, thermochemistry, acid-base theory, reaction rates, and organic chemistry.

Ecology

Length: Year Credit: 1

Offered to: Juniors and Seniors

Ecology is designed to give the students the opportunity to study conservation in its entirety or to satisfy special interests in soil and water, forestry, and wildlife management. The fall semester has an emphasis in forestry and the spring semester on birds and water ecology. One-half credit will be granted for each semester successfully completed. The student may select either semester or both.

Physical Science

Length: Year Credit: 1

Offered to: Freshmen through Seniors

This is an entry-level course into the high school science program. There are no prerequisites for this class which is open to students in ninth through twelfth grades. It is required that all freshmen take Physical Science. One-half credit will be earned for each semester passed. Semester one will be a study of the microscopic world of the atom, compounds, and chemical reactions. Topics covered will be 1) The Nature of Matter, 2) Kinds and Substances, and 3) Interactions of Matter. Semester two will be a study of the macroscopic world around us. During this semester we will be investigating the topics of 1) Energy and Motion, 2) Waves, Light, and Sound, and 3) Energy Resources.

Physics

Length: Year Credit: 1

Offered to: Seniors (or with instructor approval)

Prerequisite: Physical Science, Chemistry

Physics is an elective science course that explains the "hows" and "why" of the world around us by using a small number of mathematical laws. It is recommended that all students enrolling in physics have completed an advanced algebra and geometry course. This course is highly recommended for all college-bound seniors and will typically cover the areas of forces, motion, energy, waves, sound, and light.

SOCIAL STUDIES DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|-----------------------|---------------|--------------|------------------------|
| Social Studies | | | |
| American History | 1 | 10 | |

| | | | |
|--------------------------|-----|------------|------------------------------------|
| AP American Government | 1 | 11, 12 | |
| AP Psychology | 1 | 11, 12 | Social Studies 9, American History |
| AP United States History | 1 | 10, 11, 12 | |
| Civics | 1 | 11 | |
| Current History | 0.5 | 10, 11, 12 | |
| Economics | 0.5 | 10, 11, 12 | |
| Psychology | 0.5 | 10, 11, 12 | |
| Social Studies 9 | 1 | 9 | |
| World History | 0.5 | 10, 11, 12 | |

American History

Length: Year Credit: 1

Offered to: Sophomores

American History is a two-semester course. The class emphasizes the history of the United States in the Twentieth Century. It is required of all sophomores.

AP American Government

Length: Year Credit 1

Offered to: Juniors or Seniors

AP American Government provides students with an understanding beyond the basics of the U.S. Government, politics and democratic processes. The course curriculum follows that of AP US Government courses and prepares students if they choose to take the AP examination in the spring. This course may be taken in place of Civics, or, if one is interested and has already taken Civics, the AP American Government course could be taken as an elective.

AP Psychology

Length: Year Credit: 1

Offered to: Juniors and Seniors

This year-long advanced placement course will deal with the study of people's behavior and how one's values, customs, and attitudes are reached. The study of behavior will be divided into four groups. Course topics will include physical characteristics, which contribute to behavior, cognitive activity (thinking) emotional responses, and social environment factors. In a brief summary, the course will be a study of humans. The course will be aligned with the AP Psychology curriculum and students will be prepared to take the AP exam for college credit in the spring.

AP United States History

Length: Year Credit: 1

Offered to: Sophomores through Seniors

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about context. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places. The course may be taken in place of the

required American History course, or, if one is interested and has already taken American History, you can take the AP course as an elective. The curriculum follows the AP US History curriculum and prepares students if they choose to take the AP exam in the spring for possible college credit. **Offered alternate years (offered 2025-2026)**

Civics

Length: Year Credit: 1

Offered to: Juniors

This required course will cover the basic foundation of the workings of the U.S. Government in relation to the roles and responsibilities of its citizens. It will provide students with knowledge and background in the democratic processes. Not only will the basic principles of our government be studied, but we will also deal with the importance of individual rights and duties in a democratic society today.

Current History

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

This course will begin with an in-depth look at history beginning with the Cold War and ending with the wars in the 2000's. This history class will discuss events that have taken place within the student's life-time. By viewing the major social, political, and economic forces at work in the early 21st century the students come to a better understanding of the world in which they live.

Economics

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

This elective one-semester course deals with a variety of economic issues in the context of micro and macro economic study. The course includes all concepts and background necessary for any high school student who wishes to go into business, marketing, or accounting, as well as those interested in understanding how the economy works, and how it impacts their lives. It is a course that will change the way you think about current events, and your own future.

Offered alternate years (offered 2025-2026).

Psychology

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

This semester long course will deal with the study of people's behavior and how one's values, customs, and attitudes are reached. The study of behavior will be divided into four groups. Course topics will include physical characteristics, which contribute to behavior, cognitive activity (thinking) emotional responses, and social environment factors. In a brief summary, the course will be a study of humans. The course will be loosely aligned with the AP Psychology curriculum and give students an insight as to deciding if psychology is something they would be interested in studying more in-depth in the future.

Social Studies 9

Length: Year Credit: 1

Offered to: Freshmen

Social Studies 9 is a two-semester course required for all freshmen. The class is comprised of four components. These include two main components of Minority Studies and Area Studies, and two shorter component parts, which include a study of citizenship and law (the Bill of Rights,

etc.) and a short course of consumer economics focusing on basic money skills and understanding. The course also will focus on current events and will include a writing curriculum, which will develop organization, research, and communication skills over the course of the year of study.

World History

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

There are two fundamental reasons for studying ancient history. Life in ancient times is interesting and when told well, makes an epic story. Additionally, people in all periods of history share a common humanity. The human experience can be inspiring, tragic, and humorous. Exploring the past involves a sense of beauty and excitement, and ultimately another perspective on our own lives. During this one-semester elective we will examine: ancient prehistoric beginnings, Egypt, Mesopotamia, and finish with the classical civilizations of Greece and Rome. We will examine the roots and development of civilization and the cast of people who laid the foundations of the world we live in today. These are the stepping stones of our modern world; exciting stuff. We will look at mythologies, philosophies, and some literature of the ancients, as well as their recorded history.

Offered alternate years (offered 2025-2026)

TECHNICAL EDUCATION DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|-----------------------------------|---------------|--------------|--|
| Technology and Engineering | | | |
| *CADD 1- Sketching and AutoCAD | 0.5 | 10, 11, 12 | |
| *CADD 2- 3D Parametric Modeling | 0.5 | 10, 11, 12 | |
| *Carpentry 1 | 0.5 | 11, 12 | Wood Tech I or Foundations of Tech I and II or instructor approval |
| Carpentry 2 | 0.5 | 11, 12 | Carpentry I |
| Electronics and Robotics | 0.5 | 11, 12 | |

| | | | |
|---------------------------------------|-----|------------|-------------------|
| Foundations of Technology Education 1 | 0.5 | 9, 10 | |
| Foundations of Technology Education 2 | 0.5 | 9, 10 | |
| Introduction to Engineering Design | 0.5 | 11, 12 | CADD 1 and CADD 2 |
| Wood Tech I | 0.5 | 10, 11, 12 | |
| Wood Tech II | 0.5 | 10, 11, 12 | Wood Tech I |

* Transcribed with Western Technical College

CADD 1 - Sketching and AutoCAD

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

***Transcribed with Western Technical College**

Computer Aided Drafting and Design is a course designed to introduce students to the field of mechanical drawing. During the first semester of the course students will develop skills in understanding and preparing engineering drawings while simultaneously learning AutoCAD software. Topics covered will include sketching techniques, orthographic projection, sectioning, symbols, dimensioning and detail drawings. Students will also explore other types of engineering drawings.

CADD 2 - 3d Parametric Modeling

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

***Transcribed with Western Technical College**

During this second semester course students are introduced to the concepts, commands, and techniques of parametric modeling. Using Autodesk Inventor software, students will construct "intelligent" solid models, create and constrain assemblies and create 2D drawings, balloons, parts lists and reference dimensions from the 3D models.

Carpentry 1

Length: Semester Credit: .5

Offered to: Juniors and Seniors

Prerequisite: Wood Tech 1, or Foundations of Tech. 1 and/or 2 or instructor approval

***Transcribed with Western Technical College**

Carpentry provides the student with exposure to the field of residential construction. Students learn techniques and practices used in the construction industry while covering units in materials, plans, hand and power tools, foundations, framing, and occupational safety (OSHA). Students will participate in group projects framing full size residential structures.

(This course offers the opportunity for students to earn professional certification through the Career Connections Program.)

Offered alternate years (offered 2024-2025).

Carpentry 2

Length: Semester Credit .5

Offered to: Juniors and Seniors

Prerequisite: Carpentry 1

Continuing where Carpentry 1 leaves off, Carpentry 2 goes further into the residential construction process. Topics include, but are not limited to; installing doors and windows, drywall, heating and cooling systems, plumbing, home wiring, roofing, and finishing the structure.

(This course offers the opportunity for students to earn professional certification through the Career Connections Program.)

Offered alternate years (offered 2024-2025).

Electronics and Robotics

Length: Semester Credit: .5

Offered to: Juniors and Seniors

This course focuses on the fundamentals of electricity and electronics. Units include, soldering and fabrication techniques, fundamentals of electricity, electronic components, multimeter use, schematics, and electromechanical systems. Students will spend a significant amount of time constructing and testing circuits. The second half of the course students will be working with assorted robotics platforms.

Foundations of Technology Education 1

Length: Semester Credit: .5

Offered to: Freshmen and Sophomores

Foundations of Technology Education prepares students to understand and apply technological concepts and processes while covering a variety of technological fields. Units include Academic and Career Planning, manufacturing, electronics, engineering design, measurement and 3d modeling and printing. In class students create a variety of projects, learning to operate the laser, CNC router, 3d printers, along with many other tools. This exploratory course will prepare students for more specialized, in-depth, technology courses at the high school level and is recommended for all students wishing to take other course offerings in the Technology Education Department.

Foundations of Technology Education 2

Length: Semester Credit: .5

Offered to: Freshmen and Sophomores

In Foundations of Technology Education 2 students are introduced to the fields of construction, transportation, energy and power. In our construction unit students learn about careers in a variety of construction fields. Students explore the basics of home construction while building a scale model of a residential structure. During the energy portion of the course we will explore energy resources and technologies such as wind, solar, and geothermal, along with others. Students also learn about alternative fuel vehicles.

Introduction to Engineering Design

Length: Semester Credit: .5

Offered to: Juniors and Seniors

Prerequisite: CADD1 and CADD 2

What does it mean to be an engineer? Introduction to engineering design is a course designed to foster problem solving skills. Engineering scope, content, and professional practices are presented through practical applications that revolve around actual case studies. Units of study include: systems and optimization, ethics, teamwork, modeling and problems solving, and design. Students in Introduction to Engineering Design, will research, develop, test, and analyze engineering designs using established criteria. This course is the capstone course for students who are interested in technology, innovation, design and engineering.

Offered alternate years (offered 2025-2026)

Wood Tech I

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Woodworking provides students with the skills necessary to use woodworking tools with safety and confidence. As the name implies, Wood Tech will develop basic skills in the construction of projects using hand and power tools, material selection, measurement, drawing and blueprint reading, wood science, estimating, assembly, and finishing techniques. Students will construct several required projects designed to develop their skills. Students should take a great deal of pride in their work as attention to detail will be stressed.

Wood Tech II

Length: Semester Credit: .5

Offered to: Sophomores through Seniors

Prerequisite: Wood Tech 1

Students enrolled in Wood Tech 2 will continue to develop the skills introduced in Wood Tech 1 while also covering techniques in casework construction. The focus of the course is on the research, planning, design, and construction of a project selected by the student.

(This course offers the opportunity for students to earn professional certification through the Woodworkers Career Institute.)

WORLD LANGUAGE DEPARTMENT

| Course Name | Credit | Grade | Prerequisite(s) |
|-----------------------|---------------|---------------|------------------------|
| World Language | | | |
| Spanish I | 1 | 9, 10, 11, 12 | |
| Spanish II | 1 | 10, 11, 12 | Spanish I |
| Spanish III | 1 | 11, 12 | Spanish II |
| Spanish IV | 1 | 12 | Spanish III |

Spanish I

Length: Year Credit: 1

Offered to: Freshmen through Seniors

Spanish I provides an introduction to the Spanish language including pronunciation, cultural information, basic grammatical structures, and vocabulary related to everyday life. Emphasis is

on acquisition of the four language skills: reading, writing, speaking, and listening. Students will be able to communicate at a beginning level in the present tense.

Spanish II

Length: Year Credit: 1

Offered to: Students who have completed Spanish I

This full-year course builds upon knowledge gained in Spanish I. Students will continue to develop the skills of reading, writing, speaking, and listening, with an emphasis on listening and writing. More complex and varied forms of expression will be studied. Students will continue working in the present tense learning more sophisticated sentence structures, and will be introduced to the past tense.

Spanish III

Length: Year Credit: 1

Offered to: Students who have completed Spanish II

This full-year course builds upon knowledge gained in Spanish I and II. Students will continue to develop the skills of reading, writing, speaking, and listening, with an emphasis on speaking and reading. Students will expand their vocabulary, learn to use more advanced language expressions, and thoroughly study the past tense. They will also learn the future and conditional tenses.

Spanish IV

Length: Year Credit: 1

Offered to: Students who have successfully completed Spanish I, II, and III.

This full-year course builds upon knowledge gained in Spanish I, II, and III. Students will continue to develop the skills of reading, writing, speaking, and listening, with an emphasis on speaking and reading. Students will expand their vocabulary, learn to use more advanced grammatical concepts, further develop their proficiency in all tenses, and learn the subjunctive mood.

MISCELLANEOUS COURSES

Teacher Assistant

Length: Semester Credit: 0

Offered to: Seniors

This course is offered to senior students who have already completed all required credits towards graduation or are on track to meet all credit requirements. In this role students will assist teachers with the day to day functions of their class including class prep and grading. Students may also work with other students providing education assistance and tutoring on the subject matter.

Online Courses

Length: Semester Credit: 0.5

Online courses are available to Juniors and Seniors through Wisconsin Virtual School. If a student in good standing (C average) is interested in a course we do not offer in house, it is a great option. Courses should align with a student's Academic Career Plan and/or fulfill a graduation requirement.

***If a student takes an online class and does not receive a passing grade, the student is responsible for the cost of the course.**

ADVANCED OPTIONS

The following pages detail several different advanced course options and opportunities for students looking to pursue higher education and career advancement options. Please be aware that all advanced option courses ARE incorporated into the student's GPA.

Advanced Placement Courses

Advanced Placement (AP) courses allow high school students to study a particular subject and possibly earn college credit by taking an exam at the end of the course. Melrose-Mindoro High School offers the following AP courses:

- AP American Government
- AP Psychology
- AP Statistics
- AP United States History

Students who are interested in any other AP course should inquire in the counselor's office for more information.

Transcripted Credit Courses

Transcripted courses are classes taught here at Melrose-Mindoro High School by a high school teacher. Teachers teaching these classes have worked with Western Technical College to develop the course to match the same content and standards as the college level course. Upon successful completion of the course with a C or better, students will earn the corresponding credits at Western Technical College. These courses are indicated throughout the course handbook.

Wisconsin's Early College Credit and Start College Now Programs

High school students at public and private high schools in Wisconsin can earn college credit through the Early College Credit Program (ECCP) and the Start College Now Program. The Early College Credit Program covers courses taken at a 4-year university in the state of Wisconsin. The Start College Now program covers courses taken at a Wisconsin technical college. Students are able to apply for college courses under either of these programs if they are in good academic standing and have exhausted the curriculum in that content area at the high school or if no comparable course is offered. Students should select courses that help them reach their education and career goals.

How to Apply for the Early College Credit and Start College Now Programs:

- Meet with your high school counselor to see if it's a good fit for you and to collect necessary paperwork.
- Submit your completed forms by March 1 for summer/fall semester or October 1 for spring semester to your school officials.
- Follow up with a representative of the college offering the course to complete course registration

School to Career Opportunities

Students who have met graduation credit requirements or are on track to do so may be eligible to participate in school to career learning opportunities.

School to Work Program

Length: Semester to a year Credit: .5 to 1

Offered to: Juniors and Seniors

Prerequisite: Students must have taken or be taking required class/classes (one class per semester of related instruction) needed for the area of work experience interest

The Employability Skills Certificate Program (School to Work) recognizes a student's mastery of employability skills valued by employers in a variety of worksite settings while helping students explore career interests. The certificate is awarded by the State of Wisconsin and becomes a part of the student's portfolio and resume.

What is it?

A state-certified, school-supervised, work-based learning program operated by the Wisconsin Department of Public Instruction (DPI), the State Certified Employability Skills Co-Op is an elective program taught by a DPI-licensed teacher. Students receive mentored on-the-job learning combined with classroom instruction for a minimum of 90 hours of work experience per semester and academic and technical skills training aligned to industry standards. Wisconsin's Employability Skills Certificate program recognizes a student's mastery of employability skills valued by employers while helping students explore career interests. This certificate program reinforces skills recognized by the Partnership for 21st Century Learning, including personal work habits and attitudes, career exploration and planning, and completion of 90 on-the-job work hours per semester. In all, the program allows:

- students to document their employability skills
- employers to assess the skills they want in quality employees
- educators to customize instruction to help learners acquire skills that today's workplace demands.

Program Requirements:

- A minimum of 90 hours work experience accumulated over the course of the semester, 180 hours per year
- Be a Junior or Senior, can only participate in one year of School to Work
- Students must maintain good attendance and be in good standing with all classes to participate in the work experience program.
- Students must have taken or be taking required class/classes (one class per semester of related instruction) needed for the area of work experience interest
- Enrollment in concurrent School to Work course with school coordinator
- 8th hour and RTI work release time allotted
- Students must secure, complete and turn in all required paperwork prior to beginning a work experience

Why Participate?

- Gain real-world work experience
- Gain an industry recognized credential that will separate you from other job, college, and apprenticeship applicants
- Earn paid wages
- As long as you are on track with hours, you will be dismissed for 8th hour and RTI everyday but Thursday
- Earn 0.5 credits per semester of School to Work Program completed

Youth Apprenticeship Program

Length: Year Credit: 1

Prerequisite: Completed Application Form and Approval of YA Coordinator

Offered to: Juniors and Seniors

If interested, please contact the youth apprenticeship coordinator, principal, or high school counselor for further information.

Wisconsin's Youth Apprenticeship (YA) program is a part of a statewide School-to-Work initiative. It is designed for high school students who want hands-on learning in an occupational area at a worksite along with classroom instruction. This one or two year elective program combines academic and technical instruction with mentored on-the-job learning. A minimum of two semesters of related classroom instruction is required for each one year YA program.

Students should enroll in a Youth Apprenticeship based on the Career Cluster related to their job. Upon successful completion of their Youth Apprenticeship, students will earn a Certificate of Occupational Proficiency from the Department of Workforce Development.

Programs Include:

| | |
|---|--|
| <ul style="list-style-type: none">• Agriculture, Food and Natural Resources• Architecture and Construction• Arts, A/V Technology and Communications• Finance• Health Science• Hospitality, Lodging and Tourism | <ul style="list-style-type: none">• Information Technology• Manufacturing• Marketing• Science, Technology, Engineering and Math• Transportation, Distribution, and Logistics |
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*All advanced option courses ARE incorporated into the student's GPA.

NCAA Approved Courses

| Course Name | Credit | Grade | Prerequisite(s) |
|---------------------------|--------|---------------|------------------------------------|
| English | | | |
| College Prep Literature | 0.5 | 12 | |
| College Prep Writing | 0.5 | 12 | |
| English 9 | 1 | 9 | |
| English 10 | 1 | 10 | |
| Journalism | 0.5 | 11, 12 | |
| Speech | 0.5 | 12 | |
| Mathematics | | | |
| Advanced Algebra | 1 | 10, 11, 12 | Algebra & Geometry |
| Algebra | 1 | 9, 10 | |
| AP Statistics | 1 | 11, 12 | Advanced Algebra |
| Calculus | 1 | 11, 12 | Pre-Calculus/Trigonometry |
| Geometry | 1 | 9, 10, 11, 12 | Algebra |
| Pre-Calculus/Trigonometry | 1 | 11, 12 | Advanced Algebra |
| Science | | | |
| Advanced Biology | 1.0 | 10, 11, 12 | Biology |
| Biology | 1 | 10, 11, 12 | |
| Chemistry | 1 | 11, 12 | Physical Science |
| Ecology | 1 | 11, 12 | |
| Physical Science | 1 | 9, 10, 11, 12 | |
| Physics | 1 | 11, 12 | Physical Science |
| Social Studies | | | |
| American History | 1 | 10 | |
| AP American Government | 1 | 11, 12 | |
| AP Psychology | 1 | 11, 12 | Social Studies 9, American History |
| Civics | 1 | 11 | |
| Economics | 0.5 | 11, 12 | |
| Social Studies 9 | 1 | 9 | |
| World History | 0.5 | 9, 10, 11, 12 | |
| World Language | | | |
| Spanish I | 1 | 9, 10, 11, 12 | |
| Spanish II | 1 | 9, 10, 11, 12 | Spanish I |
| Spanish III | 1 | 10, 11, 12 | Spanish II |
| Spanish IV | 1 | 11, 12 | Spanish III |