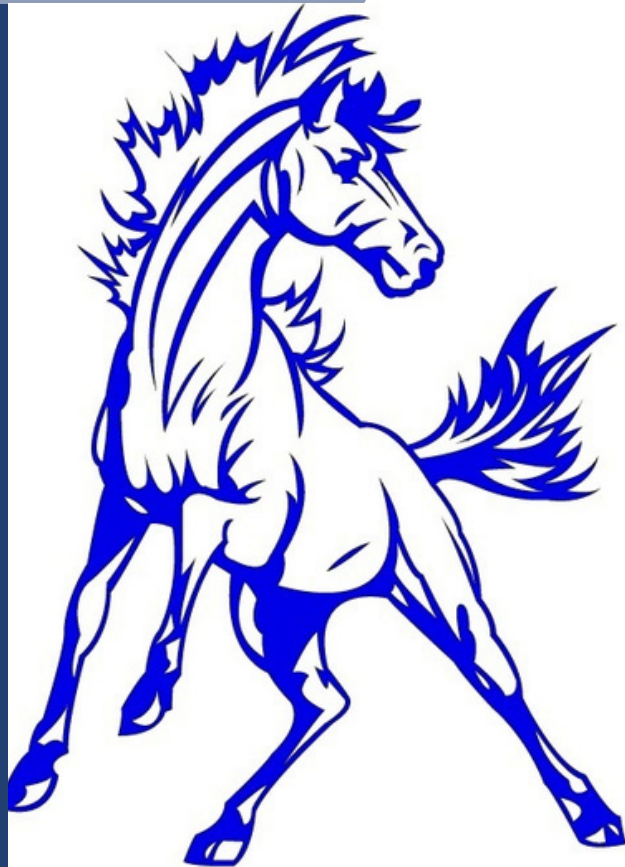


# Course Guide

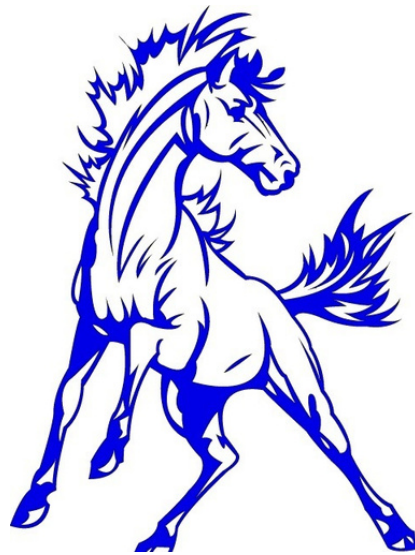
Monticello High School

2024/2025



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## **Welcome to *Monticello High School***

We at Monticello High School believe the four years you spend here can be as valuable to you as you want to make them. Choosing courses that fit your needs, interests, and aptitude is a major part of this experience. When making your selections you and your parents should keep in mind what is required by school policy and state requirements for each year of your high school experience leading to your eventual graduation from high school. It is YOUR responsibility to become aware of where you stand in terms of required credits. You should be checking that each year and each semester.

Your course selections while here in school will, to a great extent, both affect and be affected by your post-high school plans (whether college, vocational school, military service, or the world of work). Give serious consideration to your choices and don't select a subject because you think it is easy or because your friends are taking the class. Select classes because they have an educational value and meet your educational goals.

Make sure you speak with your parents, peers, and staff at school if you have any questions and need advice. We are all here to help you in making these important decisions.

# Graduation Requirements

English	4 credits
Social Science	3 credits
Mathematics	3 credits
Science	3 credits
Physical Education	1.5 credits
Health (8th grade)	.5 credit
Personal Finance (Seniors)	.5 credit
STEAM	1.5 credits
Electives	8 credits
<b>Total Credit Requirement</b>	<b>25.0 credits</b>



# Grades, Ranking, Honors, & Exams

- **Grading System & Attendance**

Monticello assigns grades based on 100 percentage points. Grades are used to determine honor roll and the class rank of each student. Grades will be presented after each quarter. Notification of possible failure will be given after four and one-half weeks of each grading period. Notification of failure or near failure will be given to the student's parents in the form of a deficiency notification. Student absence from school will lower a student's grades and may result in failure.

- **Honor Roll**

At the end of each quarter an honor roll is determined based on the grade point average for the quarter. **"Honor Roll"** consists of those students who have attained a grade point average of **3.00 through 3.699**. Students who achieve a grade point average of **3.7 and higher** shall be considered **"High Honor"** students.

- **Class Rank**

Many colleges and universities require a rank in class from potential students. Monticello students will have their class rank calculated after the completion of each grading semester. Class rank is provided, upon request, to student's choice of college or university at the end of the 6th or 7th semester of school and upon graduation. Class rank is based on cumulative grade point average. (Class ranks needed early for seniors will be based on grades through 2nd semester of the junior year.)

- **Semester Examinations**

Semester examinations for each grading semester WILL be conducted in grades 9 through 12. The semester examinations may be given the last two days of the semester and shall constitute no more than 20 percent of the student's semester grade.

# Post Graduation Planning

## • Vocational/Technical Schools

It can no longer be assumed that merely graduating from high school guarantees automatic acceptance at vocational schools. Many specialized programs require basic courses in English, math, social sciences, and science, as well as an entrance examination. Also, many programs are very popular and will fill up quickly, so it is important to apply early. ACT scores may be used in place of placement tests upon acceptance.

## • Military Services

Students are beginning to select the United States Armed Services for additional education and training beyond high school. Students interested will meet with a recruiter to discuss specific requirements. They also require an ASVAB (Armed Services Vocational Aptitude Battery) score.

## • 4 yr College

Colleges have a holistic review process that includes grades, class rank, & extracurricular involvement. Some universities may also require personal essays, letters of recommendation, rigor of courses taken, & ACT/SAT scores\*.

\*Per the UW system, the ACT/SAT are not required for the 2024-25 application cycle. This will likely be reassessed yearly.

## • 4 yr College Credit Requirements

English	4 credits
Mathematics (Incl Algebra & Geometry)	3 credits
Science (incl. Biology & Chemistry)	3 credits
Social Science	3 credits
Electives	4 credits

\*\*CAPP/AP Courses are recommended

## • Upper Tier 4 yr College Requirements

English	4-5 credits
Mathematics (Incl Precalc & Calc)	4-5 credits
Science (Incl adv courses)	4-5 credits
Social Science	4-5 credits
Foreign Language	4-5 credits

\*\*CAPP/AP Courses are recommended

# Dual Credit Options

## • CAPP/CCIHS

Monticello students have the opportunity to earn college credits in high school because of our involvement with CAPP (Cooperative Academic Partnership Program) and CCIHS (College Credit in High School) through UW-Oshkosh & UW-Green Bay. Courses are either taught by JAMBB Consortium faculty with special certifications or virtually by UW faculty, depending on the class. **These classes are tuition-based & families are responsible for the cost. For 2023-24 the cost (set by the UW system) is \$105 per UW credit (i.e. a 3 credit course costs \$315).** Currently the Monticello School Board will reimburse families for half the cost of tuition if the student receives an "A" (averaged across 2 semesters if a year course).

## • CAPP/CCIHS Eligibility

Students are eligible for CAPP/CCIHS courses if the following criteria are met:

- Class rank in top 30%
- GPA of 2.75 or above
- Pass a placement test (specific courses only)

## • Transcribed Credit/Advance Standing

Students can also earn dual credit with Blackhawk Technical College or Madison College. We have many courses taught by JAMBB Consortium or BTC faculty that will provide students the opportunity earn transcribed credit or, in some cases, advanced standing if the student enrolls in a BTC program after graduation. There is no additional tuition cost to the family for these courses.

## • Which courses are dual credit?

Look for special notation in the department grids or course descriptions to find our CAPP, CCIHS, & TC/AS courses. The following grids list the Monticello course name, college course name, & number of college credits earned for the class.



# Dual Credit Options

- **Early College Credit Program (ECCP)**

The Early College Credit Program (ECCP) statute allows students enrolled at Wisconsin public, charter, and private high schools to take up to 18 credits of college courses at a UW, private, or Tribal college located in Wisconsin (for high school and college credit or college credit only). These courses can be taken in person, online, or a blended format. 9-12th graders can apply & applications must be approved by the school board. The school board can deny an application if the district offers a comparable course to the one being requested. They can also decide whether the course will be eligible for high school credit in addition to college credit depending on whether the course fulfills a graduation requirement or not. More information can be found at <https://dpi.wi.gov/dual-enrollment/eccp>

**Courses currently offered in MHS Course Guide with ECCP**

Intro to Education (UW-Platteville)

Intro to Nursing (UW-Oshkosh)

- **Start College Now (SCN)**

"Start College Now" will allow high school students the opportunity to take college courses at Wisconsin Technical Colleges. Applicants must have completed 10th grade & be in academic good standing. This application must also be approved by the school board. More information can be found at <https://mywtcs.wtcsystem.edu/educational-services/career-prep-dual-enrollment/start-college-now/>

## **Application Due Dates for ECCP & SCN (NO EXCEPTIONS) per state statute**

- October 1 for spring courses
- February 1 for summer courses
- March 1 for fall courses

\*Students may not enroll in ECCP & SCN during the same semester.



# MHS Dual Credit Course List

## CAPP/CCIHS

Monticello Course	UW Course	Cr
Physics	171 - General Physics 1	5
Pre-Calculus	108 - Precalculus	5
Calculus	171 - Calculus 1	5
Psychology	101 - General Psychology	3
Statistics	Math 260 - Introductory Statistics	4

Monticello Course	UW Course	Cr
CAPP Writing 101	Writing 101-1st Year College Writing	3
CAPP Writing 201	English 201	3
CAPP Lit 250	English 250	3
Spanish 4	Spanish 202-Intermediate Spanish 2	3

## Transcripted Credit/Advance Standing

Monticello Course	BTC/MATC Course	Cr
Written Communication	English Composition 1	3
Speech	Speech	3
Medical Terminology	Medical Terminology	3
Sociology	Introduction to Sociology	3

Monticello Course	BTC/MATC Course	Cr
Algebra 2	Intermediate Algebra	4
Math Reasoning	Mathematical Reasoning	3
Animal Science	Introduction to Animal Science	AS
Plant Science	Introduction to Plant Science	AS
Welding 1 & 2	Welding Modules	4+

# Advanced Placement (AP)

- AP Courses

MHS offers some courses that follow the AP (Advanced Placement) curriculum. Several of them are listed as both AP & CAPP courses in the course guide, including Physics, Calculus, & Statistics. AP courses are beneficial to students considering attending college because they not only introduce students to the rigor of college-level work, but also show college admissions you have the motivation to succeed academically.

- AP Exams

AP exams measure how well you've mastered the content of an AP course. With qualifying scores students may be able to earn college credits for a course or be allowed to skip introductory courses & move on to advanced courses in that subject area (advanced placement). Students should talk to their teacher about signing up for the AP exam that corresponds with their course. Taking the exam is optional. Though it's less common, students can take an AP Exam without taking the corresponding AP course if they master the course content on their own. Talk to Mrs. Wahl about what resources are available if this is something you are interested in. **All exam costs are the responsibility of the student whether you have taken the course or not.**

# Registration Information

Students should request 7 classes per semester. With the addition of 1 study hall & homeroom, this fills the 9 period school day. **Course offerings are made, to a certain extent, based upon student demand for any particular course. Course offerings that receive few requests may not be available to students that year.** Course offerings may also change as a result of state requirements, staffing, scheduling, or resources. Changes that take place after the start of school will be kept to a minimum. All schedule changes should come to Ms. Wahl & must be requested by the end of the 2nd day of the semester. All changes must have the approval of the teacher(s) involved, parent(s), and the final approval of the administration. Any changes after the 2nd day must be approved by the administration.

## Grade 9 Required Courses

English 9	1 credit
US History 9	1 credit
Pre-Algebra or Algebra 1*	1 credit
Science	1 credit

## Grade 10 Required Courses

English 10	1 credit
American Studies	1 credit
Algebra 1 or Geometry*	1 credit
Science	1 credit

## Grade 11 Required Courses

English**	1 credit
Math**	1 credit
Junior Survey - ACT Prep or Parenting***	.5 credit

## Grade 12 Required Courses

English**	1 credit
Personal Finance	.5 credit

\*Math placement in grades 9/10 are determined by the Math Department

\*\*Students who plan to attend 4 year colleges should plan to take advanced courses in these areas (CAPP, CCIHS, AP). 2+ years of Foreign Language & additional Social Studies classes are also recommended.

\*\*\*Junior Survey - not required, but suggested

# Agriculture

## Staff

Mr. Indergand  
inderry@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Intro to Agriculture/FFA & Leadership	E	E		
<b>Environmental Science</b>	E	E	E	
<b>Animal Science</b>		E	E	E
Meat Processing		E	E	E
<b>Plant Science</b>		E	E	E
<b>Wildlife Management</b>		E	E	E
Backyard Agriculture		E	E	E
Ag Power			E	E
Agribusiness Management			E	E

Items in **Bold** are eligible as a science credit for graduation  
Items in **Blue** are dual credit options with BTC

# Agriculture

## Intro to Agriculture/FFA & Leadership

1 cr

### Grades 9-10 (or Instructor Consent)

This course will open up new opportunities for students to develop their own leadership skills through learning about and participating in the FFA. Parliamentary Procedure, public speaking, goal setting and understanding the many facets of how FFA came to be the largest student organization in the US are discussed in the first semester of this class. The second semester of this course is designed to introduce the student to the broad scope of agriculture with a strong emphasis on agribusiness management, biotechnology, crop science, food safety and the many exciting careers offered in the agriculture industry. Career development event (CDE) preparation is often offered as a part of this course, which allows students to take their coursework to the "next level" by competing at an FFA sanctioned event (FFA membership required for this). CDE preparation within this class includes: parliamentary procedure, creed speaking, discussion meet, agronomy, livestock judging, dairy cattle evaluation, dairy products, floriculture, and soils judging. **Students need not be in FFA to take this class.**

## Environmental Science

1 cr

### Grades 9-11 (or Instructor Consent)

This class consists of several areas of study within the natural resources realm including: Soil Science, Air and Water Quality, Wildlife Management, Ecology and Ecosystems, US conservation movements and Alternative Energy studies, among many other things. The importance of environmental education will be stressed in this course to build a greater appreciation for the earth's natural beauty and resources. This class contrasts other agriculture classes by focusing on the conservation of our natural resources and not the production of any specific commodity. This class is very "science-rich" in order to meet the specific state standards set forth for science equivalency. Career Development Event (CDE) preparation includes: prepared speaking, extemporaneous speaking, soils judging, wildlife evaluation, and environmental/natural resources. **Students need not be in FFA to take this class.**

### **YEAR COURSE WITH SCIENCE CREDIT OFFERED FOR COLLEGE ADMISSION\***

**\*For most UW colleges, two additional "traditional" science classes are required with this class counting as the third science credit. See Ms. Wahl for more UW-specific requirements.**

## Animal Science

.5 cr

### Grades 10-12

This course will study the basic principles of animal science including nutrition, growth, and production of various farm, companion and alternative agricultural animals. Strong emphasis in Animal Science include breeds of livestock, animal rights and welfare, animal housing, animal handling, animal nutrition and ration balancing, digestive systems, meat processing, and research into nontraditional farm animals and companion animals. Other units taught include cell biology, animal anatomy, reproductive methods, techniques and systems, linear scoring, dairy judging, poultry science, animal diseases and their diagnosis, prevention, and care, and livestock evaluation. Career Development Event (CDE) preparation includes: dairy cattle evaluation, livestock judging, veterinary science, and horse judging. **Students need not be in FFA to take this class.**

**Prerequisite: Student has taken Intro. to Agriculture/FFA and Leadership or is at junior or senior standing**

**\*\*Students taking Animal Science will receive Advanced Standing credit at Blackhawk Technical College for the Introduction to Animal Science class.**

# Agriculture

## Meat Processing

.5 cr

### Grades 10-12

This course will prepare students for careers in the meat processing industry or broaden their experiences with safe at-home meat processing practices. Students will identify meat cuts for beef, swine, and sheep carcasses and evaluate them for quality and yield. Students will also process wild game (deer and turkeys) and understand varying meat preservation techniques (cooking, dehydration, curing, etc.). Students will also process live poultry and meet all packaging requirements for handling different kinds of meats. Career Development Event preparation (CDE) within this class includes meat processing and poultry evaluation. Only offered fall semester.

**\*\*Maximum 10 students\*\***

**Students need not be in FFA to take this class.**

**Prerequisite: Student has taken Intro. to Agriculture/FFA and Leadership or is at junior or senior standing**

## Plant Science

.5 cr

### Grades 10-12

This course studies the needs of plants for the purpose of landscaping and agronomy to better prepare students for careers in those fields. Water, sunlight and fertilizer requirements, respiration, photosynthesis, and the Calvin Cycle will be covered in this course along with the different methods of sexual and asexual propagation. Other topics include nutrient requirements, integrated pest management, plant pathology, plant structure, growth and cell division along with crop research and study through various labs and projects. Career Development Event preparation (CDE) within this class includes: prepared speaking, extemporaneous speaking, and floriculture.

**Students need not be in FFA to take this class.**

**Prerequisite: Student has taken Intro. to Agriculture/FFA and Leadership or is at junior or senior standing**

**\*\*Students taking Plant Science will receive Advanced Standing credit at Blackhawk Technical College.**

## Wildlife Management

.5 cr

### Grades 10-12 (or with Instructor Consent)

This course was created to offer the hands-on aspects of wildlife management. Taxidermy, tan hiding, trapping, and wood duck house construction are some of the past projects that students have worked on as a part of this class. Students that are interested in pursuing a career in natural resources or have a passion for the outdoors, especially outdoor recreation sports of hunting, fishing, camping, hiking, etc., should consider taking this class. Students will gain a strong understanding of fish and wildlife identification, conservation, physiology, reproduction, and management techniques of most Wisconsin wildlife species. Career Development Event (CDE) preparation includes: prepared speaking, extemporaneous speaking, wildlife evaluation and environmental/natural resources.

**\*\*Maximum 10 students\*\***

**Students need not be in FFA to take this class.**

**Prerequisite: Student has taken Intro. to Agriculture/FFA and Leadership, Natural Resources Conservation, or is at junior or senior standing**

# Agriculture

## Backyard Agriculture

.5 cr

### Grades 10-12 (or with Instructor Consent)

This course will incorporate many of the following topics: lawn maintenance; lawn equipment maintenance; landscaping; building compost bins, birdhouses, etc.; beekeeping; forestry and planting trees; basic food processing (jerky, apple sauce, etc.); basic vehicle maintenance; and basic small animal care. Basic home maintenance techniques will also be covered in this class including plumbing.

## Ag Power

.5 cr

### Grades 11-12 (or with Instructor Consent)

This course will focus on necessary power concepts needed in agricultural industries. A majority of the time will be spent on the assembly and disassembly of small engines but will also include labs with students diagnosing engine problems, wiring various electrical circuits for structures, and using basic surveying principles for engineering applications.

**\*\*Maximum 10 students\*\***

## Agribusiness Management

.5 cr

### Grades 11-12 (or with Instructor Consent)

Agribusiness Management is a course that prepares students for the real-world, whether one works in agriculture or not. Students learn about net-worth statements, labor requirements for an agricultural business, depreciation of agricultural assets, measures of liquidity and solvency, decision-making in self-created business situations, marketing, and agricultural sales. Time will also be spent organizing various responsibilities related to the operations of the FFA chapter. Career Development Event (CDE) preparation includes: job interview, agricultural sales, and farm business management.

**Students need not be in FFA to take this class.**

**Prerequisite: Student has taken Intro. to Agriculture/FFA and Leadership or is at junior or senior standing**



# Art

## Staff

Mrs. Rufer

[ruferra@monticello.k12.wi.us](mailto:ruferra@monticello.k12.wi.us)

Course	Freshman	Sophomore	Junior	Senior
Art	E	E	E	E
Advanced Art		E	E	E
Media Publication/Yearbook	E	E	E	E

# Art

## Art

**.5 cr/semester**

### **Grades 9-12**

This class will allow students to explore art creation and design. This includes many mediums: drawing with pencils and ink, painting using watercolor pencils, watercolor paints (different forms) and acrylic paint, printmaking, etchings, creating with found objects, and photography if it peaks your interest.

## Advanced Art

**.5 cr/semester**

### **Grades 10-12 (with Instructor Consent)**

This is a year-long course of independent study - the student will work with the instructor to decide on planned projects. Some projects have been brought to advanced students by community members and the projects are specific to their needs. This art has been placed out in the community of Monticello for all to appreciate and allows for a direct link of the students to the community with their art on public display. **Prerequisite: HS Art or Instructor approval**

## Media Publication/Yearbook

**.5 cr/semester**

### **Grades 9-12**

In this class students will study different aspects of media and production design, learn how to take better photos, and layout the school's yearbook for production by working on a professional layout program. Students will be the photographers at different school or community events to be included in the yearbook and learn how to write interesting captions to bring their pictures to life and tell a great story. They can take great pride at the end of the year when they have produced a world class book for the school, while preserving some of Monticello's history for the community.

# Business Education

## Staff

Mr. Olson

olsonma@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
<b>Accounting I</b>	E	E	E	E
Desktop Publishing		E	E	E
Introduction to Business	E	E	E	E
Introduction to Computer Science	E	E	E	E
<b>Personal Finance</b>				R
Sports & Entertainment Marketing		E	E	E
Video Game Design	E	E	E	E
Video Production		E	E	E

Items in **Bold** are eligible as math credit for graduation

# Business Education

## Accounting I

1 cr

### Grades 9-12

Accounting is called the language of business and is a course that is highly recommended in the business world. This course will teach students how to keep books for a single owner, partnership, and a corporation. Students learn how to interpret financial records. Both manual and automated (computer) concepts are learned. Several reinforcement practice sets/simulations are completed to give students a realistic approach to accounting.

## Desktop Publishing

.5 cr

### Grades 10-12

Businesses today create many of their publications in-house to save time, reduce cost, and secure confidentiality of their work. Desktop Publishing is an introductory course that will acquaint students with design techniques, principles of page layout and design, and desktop publishing terminology and application. Students will create a variety of documents such as fliers, brochures, newsletters, and business cards using Photoshop, InDesign, Microsoft Publisher, Canva, digital cameras and other appropriate technology and programs.

## Introduction to Business

.5 cr

### Grades 9-12

Why do you buy Nikes instead of Converse? Why do you buy Guess Jeans instead of just plain Levis? Introduction to Business will give you a look into the "crystal ball" of the exciting world of business. In this class short units and computer projects will be used to introduce you to Advertising, owning your own business (Entrepreneurship), Marketing (buying those jeans), Sports Management, and International Business.

## Introduction to Computer Science

.5 cr

### Grades 10-12

Coders are in strong demand in the workforce, and this is your opportunity to learn computer programming. Through curriculum provided by Amazon, students will learn the basics of coding in Python. Students will also learn to create music with computer code.

**An independent study in AP-Computer Science is available to students that complete this course.**

**\*\*While not required, Video Game Design is better taken before this course.**

## Personal Finance

.5 cr

### Grade 12

This class will cover the basics of how to handle your money after high school. It will include information on wages and benefits, credit and loans, insurance (property, life, health and auto), investments, and banking services such as checking and savings accounts. Speakers, computer simulations and activities will supplement these topics.

# Business Education

## Sports & Entertainment Marketing

.5 cr

### Grades 10-12

Professional and amateur sports, concerts, amusement parks, movie theaters, and so many other places aren't just a lot of fun; they are also big business. Sports and Entertainment Marketing will use these types of businesses as an avenue to study marketing, including target marketing, sponsorship, event marketing, promotions, and marketing plans. Students will gain experience in promoting school activities, managing social media, and developing promotional plans. A great class for anyone interested in business, entertainment, or athletics careers.

## Video Game Design

.5 cr

### Grades 9-12

Video Game Design is one of the fastest growing industries, and there is a strong need for computer programming and 21st Century Skills in today's workplace. This class will teach students how to create video games while emphasizing the skills necessary in the video game design field, such as problem-solving, planning, teamwork, math, art, and story-writing. The primary program used will be Kodu, which creates games that can be played on PCs and Xbox. We will also explore other game design programs such as Scratch and App Inventor.

**Prerequisites: Computer Skills**

## Video Production

.5 cr

### Grades 10-12

Video Production will teach creating, editing, and distributing video in various ways. Videos will be made using digital camcorder and camera technologies. Students will then edit video in programs such as Adobe Premiere, Windows Movie Maker, and Flash. Videos will be published using online mediums. We will focus on creating content that will be used in real-life situations.

# College & Career Education

## Staff

Mr. Theden

thedety@monticello.k12.wi.us

Mr. Woolsey

woolsjo@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
ACT Prep			E	
Intro to Education			E	E
Intro to Nursing			E	E
School-To-Work			E	E
Faculty Aide			E	E
Youth Apprenticeship			E	E

Items in **Red** are dual credit options with UW-Platteville or UW-Oshkosh

# College & Career Education

## ACT Prep

.5 cr

### Grade 11

This semester-long course will connect the knowledge and skills that students have learned in the classroom with strategies necessary to excel on the ACT test. As the ACT consists of tests in English, Mathematics, Reading, and Science, students will review and improve their proficiency in these areas, spending about three and a half weeks with each content area. Students will receive instruction and practice that directly aligns with ACT's reporting categories in each test. Additionally, students will be exposed to goal-setting techniques, general ACT test-taking practices, and strategies specific to each test.

## School-To-Work

1-2 cr

### Grades 11-12

This course is for the student that desires to work during the school day to receive credit. The student is released from school during the 7th and 8th hours and must work a minimum of 10 hours per week at a job outside of school. The place of employment cannot be with a parent. The grade for this class will be an average of an evaluation by the employer, independent work skill assignments as assigned by the instructor, and responsibility of the student in handing in hours and assignments on time. Participants must be passing their classes in order to leave for work.

**Prerequisite: Junior or Senior status & a completed contract.**

## Faculty Aide

### Grades 11-12

.25-.5 cr

The Faculty Aide course allows students to immerse themselves in the classroom activities of a teacher or staff member at the elementary, middle, or high school level. There are multiple Aide positions available including: Technology Aide (Tech Help Desk), Agriculture Technology Aide (teacher's aide specifically for ag-related courses), Physical Education Aide (assisting with the elementary & middle school physical education classes), Athletic Director Aide (assisting Athletic Director with seasonal sports) or Teacher's Aide (assisting in elementary, middle, or high school classrooms). Experiences may include working directly with students, creating classroom materials, assisting with technology, and more. Students must ask the participating teacher or staff person for permission to be an aide in their classroom.

**Course is graded as Pass/Fail & not included in GPA.**

**Prerequisite: Junior or Senior status & faculty consent.**

## Youth Apprenticeship

1 cr

### Grades 11-12

Wisconsin's Youth Apprenticeship 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. The Youth Apprenticeship Program is designed to give students who are interested in a career in many different skilled trades, an opportunity to learn, gain experience, and earn money while working in high school. Students will receive 1 high school credit for successfully completing a Youth Apprenticeship. Talk to Mr. Theden during the school year prior to the year you would like to apply to the program.

### Requirements for the Youth Apprenticeship Program:

- Graduate from High School
- Complete 1 credit (LEVEL 1) or 2 credits (LEVEL 2) of related coursework
- Complete required work-based skills
- Work a minimum of 450 hours (LEVEL 1) or 900 hours (LEVEL2) at an approved worksite.



# College & Career Education

## Intro to Education

.75 cr

### Grade 11 - 12

This course is an introduction to the broad fields of teaching; objectives and principles of education; an exploration of teaching as a career choice (including elementary, middle, and high school teaching). Course will be offered during the spring semester.

**\*Telepresence course with UW-Platteville**

**\*\*Lecture meets 2x per week with 1 additional meeting time for classroom observation**

**\*\*\*Students will need to sign up for the Early College Credit Program to take this class (deadline for spring semester is October 1)**

## Intro to Nursing

.5 cr

### Grade 11 - 12

This course is an introduction to the broad fields of teaching; objectives and principles of education; an exploration of teaching as a career choice (including elementary, middle, and high school teaching). Course will be offered during the spring semester.

**\*Online course with UW-Oshkosh**

**\*\*Course is pre-recorded & self-guided**

**\*\*\*Students will need to sign up for the Early College Credit Program to take this class (deadline for spring semester is October 1)**

# English

## Staff

Mr. Burk

burkpa@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
English 9	R			
English 10		R		
English 11			E	
Written Communications				E
Speech				E
CAPP Writing 101			E	E
CAPP Writing 201			E	E
CAPP Lit 250			E	E

Items in **Red** are dual credit options with UW-Oshkosh

Items in **Blue** are dual credit options with BTC

# English

## English 9

1 cr

### Grade 9

The major objective of English 9 is to give students the basic skills in reading, writing, English usage, composition in forms such as paragraphs, essays, and book reviews, and oral communication in the form of short speeches. Short stories, poems, plays, non-fiction selections, and novels will be used for literature appreciation.

## English 10

1 cr

### Grade 10

The major objective of English 10 is to give students the basic skills in reading, writing, English usage, and speaking. A variety of literary forms are studied, including short stories, poetry, plays, non-fiction, and the novel. Composition work includes creative writing as well as informational writing. English grammar and sentence building are stressed and reviewed. Oral communications and academic discussion skills will also be introduced and practiced. Students can expect to study a variety of topics including playwriting, journalism, historical fiction, and much more.

**Prerequisite: English 9**

## English 11

1 cr

### Grade 11

English 11 will build upon the skills in reading, writing, English usage, and speaking that were covered in English 10. A variety of literary forms are studied including short stories, poetry, plays, non-fiction, and the novel. Composition work includes creative writing as well as informational writing. English grammar and sentence building are stressed and practiced. Students will also continue to practice oral communication and academic conversation skills. Students can expect to study a variety of topics including Shakespearean tragedy, fictionalized memoir/biography, promoting social awareness through research, contemporary issues in literature, and much more.

**Prerequisite: English 10**

## Written Communications

.5 cr

### Grade 12

This course is designed to help students develop writing skills, including prewriting, drafting, revising, and editing. A variety of writing assignments will help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. This class also develops critical reading and thinking skills through the analysis of a variety of written documents.

**\*\*Dual credit option with Blackhawk Technical College (3 credits)\*\***

## Speech

.5 cr

### Grade 12

This class focuses upon developing speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities, and other projects.

**\*\*Dual credit option with Blackhawk Technical College (3 credits)\*\***

# English

## CAPP Writing 101

1 cr

### Grades 11-12

Students will develop their writing, critical reading, critical thinking, and information literacy skills by exploring a single topic in depth. Students are expected to participate actively in their own learning through class discussions and group activities. Successful completion of Writing 101 fulfills the English composition or Quest Writing general education requirement. \*Telepresence course with UW faculty\*

**Course is offered Semester 1 only**

**Prerequisite: Must follow UW-Oshkosh guidelines - 2.75 GPA & ranked in top 30% of class**

**\*\*Dual credit option through UW-Oshkosh (3 credits)**

**\*\*\*Tuition payment required**

## CAPP Writing 201

1 cr

### Grade 11-12

In engaging with great literary and rhetorical works as well as extraordinary works in other media, students in 200-level English courses develop skills of critical reading and writing, dialoguing with professors and peers, and adopting analytical and culturally literate stance towards the communities to which they belong, whether locally, nationally, or globally. \*Telepresence course with UW faculty\*

**Course is offered Semester 2 only**

**Prerequisite: CAPP Writing 101 is highly recommended**

**Prerequisite: Must follow UW-Oshkosh guidelines - 2.75 GPA & ranked in top 30% of class**

**\*\*Dual credit option through UW-Oshkosh (3 credits)**

**\*\*\*Tuition payment required**

## CAPP Lit 250

1 cr

### Grades 11-12

An introduction to the discipline of literary studies through its fundamental approaches to reading, interpreting, and writing about a variety of texts, ranging from the classic to the contemporary with the goal of understanding, appreciating, & enjoying literature. \*Telepresence course with UW faculty\*

**Prerequisite: CAPP Writing 101**

**\*\*Dual credit option through UW-Oshkosh (3 credits)**

**\*\*\*Tuition payment required**

# Family & Consumer Sciences

## Staff

Ms. Rufer

[ruferra@monticello.k12.wi.us](mailto:ruferra@monticello.k12.wi.us)

Course	Freshman	Sophomore	Junior	Senior
Foods	E	E	E	E
Child Development- Children & Choices		E	E	E
Child Development - Working with Children		E	E	E
FACS for Life		E	E	E
Parenting			E	E

# Family & Consumer Sciences

## Foods

.5 cr

### Grades 9-12

We will study and cook foods of the United States & other countries. This food preparation class will concentrate on planning, preparing, and sampling foods while learning proper food safety & handling techniques.

## Child Development - Children & Choices

.5 cr

### Grades 10-12

This class will cover the decisions involved in choosing to become a parent. Prenatal care and development, birth defects and infertility treatments will be part of the "pre-baby" unit. Labor and delivery and raising the child to age 1 will conclude the semester.

## Child Development - Working with Children

.5 cr

### Grades 10-12

The stages of child development from age 1 through 6 will be studied. Guidance and discipline, health, and safety issues during each of these stages will be emphasized. Students will have the opportunity to work with children by participating in our preschool simulation and working with children in our elementary school.

## FACS for Life

.5 cr

### Grade 11-12

This course will cover the basics of things you need to know as you prepare to live on your own—such as cooking, survival sewing, budgeting, automobile maintenance, self-defense, preparing for college life, laundry, home maintenance, etc. This class will help you make wise life choices

## Parenting

.5 cr

### Grade 11-12

This class will develop the student's parenting skills and prepare them for possible parenthood. A review of the reproductive systems, contraceptives and STDs will provide the background for the alternatives to pregnancy unit. The focus will then be placed on parenting knowledge and skills. We will cover prenatal development and care, developmental stages of children, toy safety, nutrition, and discipline. Issues related to parenthood such as child abuse and neglect, childcare options, stepfamilies and blended families will also be addressed. The first aid unit will be directed toward childhood safety. The class will conclude with a unit on death and dying.

# Foreign Language

## Staff

Ms. Quade

quadesa@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Spanish I	E	E	E	E
Spanish II		E	E	E
Spanish III			E	E
Spanish IV				E

Items in **Red** are dual credit options with UW-Green Bay



# Foreign Language

## Spanish I

1 cr

### Grades 9-12

Spanish I is the introduction to the Spanish language with emphasis placed equally on the written word and the spoken word. Class time is used to build reading, writing, speaking, and listening skills and to learn about Hispanic culture in the target language. Students will begin to create a solid foundation and to understand the fundamentals of the language.

## Spanish II

1 cr

### Grades 10-12

Spanish II is the extension of Spanish I, with the major emphasis placed upon the mechanics of the Spanish language. More emphasis is placed upon the spontaneity of the spoken word and communicating in the target language 90% of the time. This course also includes an in-depth look at the cultural and geographical makeup of the Spanish-speaking people.

**Prerequisite: Spanish I**

## Spanish III

1 cr

### Grades 11-12

This course is a continuation of Spanish I & II. Students will continue to study the Spanish language, literature, and culture on a more advanced level and are expected to communicate in the target language. Students will review and demonstrate rules of Spanish grammar and usage through listening, reading, writing, and speaking the Spanish language.

**Prerequisite: Spanish II**

## Spanish IV

1 cr

### Grade 12

Spanish IV students dive into Spanish history, culture, and literature. Students learn new grammar concepts, all the while reviewing old concepts. Students demonstrate a strong command of the language in reading, writing, speaking, and listening comprehension due to a near full-immersion experience.

**Prerequisite: Spanish III**

**\*\*Dual credit option through UW-Green Bay (4 credits +retroactive credits if "B" or above)**

**\*\*\*Tuition payment required**

# Mathematics

## Staff

Mr. Collins

collica@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Pre-Algebra	R			
Algebra 1	R	R		
Algebra 2			E	E
Geometry		E	E	
Math Reasoning			E	E
Trades Math			E	E
Precalculus			E	E
Calculus			E	E
Statistics			E	E

Items in **Red** are dual credit options with UW-Oshkosh or UW-Green Bay or AP courses

Items in **Blue** are dual credit options with BTC or Madison College

# Mathematics

## Pre-Algebra

1 cr

### Grade 9

Pre-algebra courses are designed to prepare students for a standard high school algebraic class. Learners are introduced to integers, fractions, square roots, step equations, linear equations, and decimals. They will also learn how to solve basic equations using variables.

## Algebra 1

1 cr

### Grades 9-10

This is a basic Algebra course following the traditional teaching approach dealing with sets of numbers, operations, and properties, integers, exponential, linear equations, linear inequalities, factoring, simplifying fractions, and combining fractions. Two-dimensional graphing, linear sentences and systems, functions, fractional equations, real numbers, radicals, quadratics, equation solving, and basic trigonometry are covered.

## Geometry

1 cr

### Grades 10-11

Five basic ideas are studied in Geometry: fundamentals of plane geometry, properties of triangles, quadrilaterals, and circles, surface area and volume of solids, proportion and transformation, and application of geometric concepts. Algebra is used extensively in problem-solving. Geometry is a prerequisite for physics and chemistry at Monticello, and is necessary for entrance in most colleges.

## Algebra 2

1 cr

### Grade 11-12

This course is designed to be an extension of the mathematics principles learned in Algebra I and Geometry. Both areas will be stressed in greater depth. The course will give students an introduction to the basics of trigonometry during the second semester. This course is strongly recommended for students intending to enter college. Students with a C or better at the end of the year will receive dual credit at no cost from Madison College.

**Prerequisite: "C" or better in Geometry**

**\*\*Dual credit option with Madison College (3 credits)**

## Math Reasoning

1 cr

### Grades 11-12

All math students need to be able to make reasonable decisions about fiscal, environmental, and health issues that require quantitative reasoning skills. An activity based approach is used to explore numerical relationships, graphs, proportional relationships, algebraic reasoning, and problem solving using linear, exponential and other mathematical models. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Meets the math requirement for most technical college degrees

**\*\*Dual credit option (3 credits)**

# Mathematics

## Trades Math

### Grades 11-12

This course includes the basic principles of arithmetic beginning with whole numbers and common fractions, and continuing through decimals, percentages, ratios, proportions and averages, measurements, use of constants, tapers and coordinate systems. It will also include the study of the properties of circles, volumes and surface areas of various solids, an introduction to practical algebra and trigonometric principles used in solving right triangles as well as applications of the sine and cosine law in solving oblique triangles. These principles are applied to typical shop problems throughout the course. **\*\*Telepresence course\*\***

## Precalculus/CAPP Precalculus

1 cr

### Grades 11-12

This course is intended for those who love math or who plan on math related fields such as engineering. The course picks up where Algebra II stops, but with an emphasis on graphing. We deal with polynomials, two and three dimensional conics, polar equations, graphic parameters, vector analysis and probability and statistics. We end the year with the limit concept along with simple differential and integral equations. Choose this course if you plan to go on to engineering, mathematics, or medical related fields. *This course may be taken for college credit IF they meet the UW System Placement requirements.*

**Prerequisite: "C" or better in Algebra II**

**\*\*Dual credit option through UW-Oshkosh (5 credits)**

**\*\*\*Tuition payment required if enrolled in CAPP course**

## AP Calculus/CAPP Calculus

1 cr

### Grades 11-12

This year-long course follows the AP calculus AB curriculum and the first semester of college calculus at UW-Oshkosh. It is recommended for those going on in the mathematics or science field. After a review of advanced algebra, the behavior of functions, and the study of limits, the first semester looks in detail at the derivative and its applications to instantaneous rates of change, related rates, and maximum and minimum problems. The second semester involves techniques of integration and related application problems. This course blends theory and application of calculus, including the "how" and "why" of advanced mathematics. *Students may take this course for college credit if they meet the UW System Placement requirements. Those that choose to take the AP Calculus Test will need to earn a 3 or better on the Test to earn college credit, and there is a cost to take the test.*

**Prerequisite: "C" or better in Precalculus**

**\*\*Dual credit option through UW-Oshkosh (5 credits)**

**\*\*\*Tuition payment required if enrolled in CAPP course**

# Mathematics

AP Statistics/CAPP Statistics

1 cr

**Grades 11-12**

This year-long course follows the AP Statistics curriculum and one semester of college Elementary Statistics at UW-Oshkosh. Students are exposed to four broad conceptual themes: Exploring Data – describing patterns and departures from patterns; Sampling and Experimentation – planning and conducting a study; Anticipating Patterns – exploring random phenomena using probability and simulation; and Statistical Inference – estimating population parameters and testing hypotheses. *Students may take this course for college credit if they meet the UW System Placement requirements. Those that choose to take the AP Statistics Test will need to earn a 3 or better on the AP Test to earn college credit, and there is a cost to take the test. \*\*Telepresence course\*\**

**Prerequisite: "C" or better in Algebra II**

**\*\*Dual credit option through UW-Green Bay (4 credits)**

**\*\*\*Tuition payment required if enrolled in CAPP course**

# Music

## Staff

Mr. Babcock  
babcoda@monticello.k12.wi.us

Ms. Becker  
beckeki@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Chorus	E	E	E	E
Band	E	E	E	E

# Music

## Senior High Chorus

**.5-1 cr**

### **Grades 9-12**

Senior High Chorus is for those students interested in singing choral literature in a variety of styles. Several performances are scheduled during the year and WSMA contests are attended. Students enrolled in chorus will have the opportunity, if interested, to work on solos or small ensembles and to participate in community events. Students also have an opportunity to take trips to see musicals, sing at additional choral festivals, and view other choruses. There are additional summer music camps, FFA choruses, "every other year" Honors Choir, and State Honor Chorus to audition for, if interested.

## Senior High Band

**.5-1 cr**

### **Grades 9-12**

Senior High Band will learn to play more fundamentally and technically advanced material than previous levels and understand music as an art form. The type of music selected will branch into a variety of styles and historical periods. Students will have the opportunity to perform in a concert band, pep band, marching band, jazz ensemble, Six Rivers East Solo/Ensemble, Six Rivers East Conference Honors Bands, and other various Band Festivals. Students will also be able to participate in the culture/musical life of the community through involvement in local and regional musical opportunities. Concerts are performed during the Fall or Holiday Season, as well as during the spring.

# Physical Education & Health

## Staff

Mr. Siegenthaler  
siegetr@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Fitness I	E	E	E	E
Fitness II	E	E	E	E
Fall Sports	E	E	E	E
Spring Sports	E	E	E	E
Healthy Nutrition	E	E	E	E
Health**				

**\*\*Health class is a graduation requirement & taken in 8th grade. Students who fail this course in 8th grade will be required to repeat it in 9th grade**



# Physical Education & Health

## Fitness I

.5 cr

### Grades 9-12

This beginner level class is designed to introduce you to weightlifting and different form techniques. We will focus on building a strong foundation of knowledge and skills in fitness. This course will provide you with the necessary tools to develop a lifelong commitment to physical activity and overall well-being.

#### Course Objectives:

1. Understand the basics of muscle anatomy and how different muscle groups work together.
2. Learn proper stretching techniques to improve flexibility and prevent injury.
3. Gain knowledge of beginner workouts and lifts to improve overall strength and conditioning.
4. Familiarize yourself with weight room rules and safety guidelines to ensure a safe workout environment.

## Fitness II

.5 cr

### Grades 9-12

#### Fitness 2:

This is a class for those who have experience in the weight room and are looking for more of an independent fitness class.

#### Course Objectives:

1. Develop and enhance fitness skills and techniques
2. Promote physical strength, endurance, and flexibility
3. Improve knowledge of various workout programs and their benefits
4. Develop self-discipline, motivation, and goal-setting skills

**\*\*Prerequisite - Fitness I or instructor consent**

## Fall Sports

.5 cr

### Grades 9-12

Fall Sports will involve participation in activities such as: flag football, ultimate Frisbee, volleyball, soccer, badminton, pickleball, introductory weight lifting, floor hockey, golf, disc golf and various team activities (kickball, dodgeball, eclipse ball, flicker ball, etc.) with an aim to create awareness that physical activity is an important preparation for efficient adult living.

## Spring Sports

.5 cr

### Grades 9-12

Spring Sports will involve participation in activities such as: archery, softball, lacrosse, badminton, introductory weight lifting, hand soccer, track and field, broomball, snowshoe baseball, floor hockey, matball and various team activities (kickball, dodgeball, eclipse ball, flicker ball, etc.) with an aim to create awareness that physical activity is an important preparation for efficient adult living.

# Physical Education & Health

## Healthy Nutrition

.5 cr

### Grades 9-12

Healthy Nutrition teaches the scientific principles of human nutrition with an emphasis on health promotion and concepts for conveying accurate nutrition information in a professional setting. The course addresses nutrition principles for treatment of common health conditions. The curriculum includes exploration of food sources of nutrients, basic metabolism of nutrients in the human body, relationship between diet and other lifestyle factors, use of supplements, current recommendations for food selection throughout the life cycle, and use of nutrition tools for planning food intake or assessment of nutritional status. This class also will address fitness and basic skills to proper nutrition for an individual's personal goals for overall health.

## Health

.5 cr

### Grade 8

*HEALTH IS REQUIRED FOR GRADUATION—STUDENTS WHO FAIL THIS COURSE IN 8TH GRADE WILL BE REQUIRED TO REPEAT IT IN 9TH GRADE*

The goal in Health class is to provide knowledge, understanding, strategies, and activities that will enhance individual healthy lifestyle choices. The health information skills and attitudes that high school students adopt today can affect their future health, as well as the future health of their friends, families, and communities. Topics to be covered are Understanding Health and Wellness, Relationships, Nutrition, Physical Activity and Fitness, Alcohol and Drugs, Mental and Emotional Health, Sex Education, Infectious Diseases, and CPR/First Aid. Throughout the semester the student will engage in the following learning styles: lecture, class discussion, brainstorming, role playing, small group work, student self-directed activities, test/quizzes, and homework.

# Science

## Staff

Mr. Woolsey

woolsjo@monticello.k12.wi.us

Mr. Collins

collico@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Biology	E	E	E	E
Physical Science	E	E	E	E
Chemistry		E	E	E
AP Chemistry			E	E
Advanced Biology		E	E	E
Physics			E	E
Astronomy			E	E
Medical Terminology		E	E	E

Items in **Red** are dual credit options with UW-Oshkosh or AP

Items in **Blue** are dual credit options with BTC

# Science

## Biology

1 cr

### Grades 9-12

A greater understanding and knowledge of living things will be gained by a study of biological sciences. In this course you will learn about the essential building block of all life, the cell. In addition to the structure of the cell you will learn the biomechanics of cell division, cell function, and cell energy production. We will then study the structure and function of DNA, the molecule that makes you unique. We will also learn how DNA provides instructions for your cells, genetics, and heredity to round out the first semester. The second semester will look at how DNA and Genetics tie into the theory of evolution and natural selection. We will end the year exploring concepts in ecology. There will be plenty of labs and hands-on activities to help you understand the large concepts of Biology.

## Physical Science

1 cr

### Grades 9-12

This is a lab driven physical science course with lots of hands-on activities. This course is a combination of physics and chemistry. First semester we start with motion, work, power, and energy. We will explore electricity and magnetism. Study the conceptual physics of light, sound, and radiation. Then we move on to take a look at chemical processes and properties in the second semester. We will study the atomic structure of atoms and the trends that elements show across the periodic table. This is a great course to give you a basic understanding of chemistry and physics if you are not planning on pursuing a career in science or if you would like to be more prepared for the higher rigors of a full year physics or chemistry course.

## Chemistry

1 cr

### Grades 10-12

If you like to spend time in the lab you will like this chemistry course! We pair what we learn in class with what we experiment with in the lab. This hands-on approach helps students understand the underlying concepts of chemistry. You will investigate chemical reactions: how, when, and why they occur. You will learn about chemical safety in handling and disposal. You will learn about acids, bases, electro-chemistry, atomic structure, and periodic trends. Because in chemistry abstract reasoning is emphasized, this is an essential course for those going on to a technical school or college.

**Prerequisite: "C" or better in Algebra and Biology OR Instructor's consent**

## AP Chemistry

1 cr

### Grade 11-12

The AP Chemistry course provides students with a foundation to support future advanced coursework in chemistry. Through inquiry-based learning, students develop critical thinking and reasoning skills. Students cultivate their understanding of chemistry and science practices as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course is typical of what an introductory chemistry course would cover at a 4 year university. *Depending on AP exam score and university attended, you may earn up to 10 college level credits. Please check the College Board website for credit details.*

**Prerequisite: "C" or better in Chemistry**

# Science

## Advanced Biology

1 cr

### Grade 10-12

This course dives deeper into biological concepts while focusing on one of the most incredible organisms on planet Earth, the human body. We will study anatomy and physiology of the human body from whole organ systems all the way down to individual cells and organelles. This is an interesting course that ties the textbook, lectures, hands-on activities, labs, and dissection together to prepare students for college level science courses. We will also be doing research and constructing properly formatted papers throughout the year. This is an excellent course for anyone planning on attending a post-secondary institution or anyone who has an interest in how the human body works.

**Prerequisite: "C" or better in Biology OR Instructor's consent**

## AP Physics/CAPP Physics

1 cr

### Grades 11-12

This year-long course follows the AP Physics 1 curriculum and the first semester of General Physics at UW-Oshkosh. It is recommended for those going on in the mathematics or science field. Over the course of two semesters, this course covers topics in mechanics, energy, waves, fluid dynamics, thermodynamics, electricity, magnetism, optics, quantum theory, and nuclear physics. This course integrates problem solving, hands-on laboratory investigations, and reading and analyzing peer-reviewed scientific journal articles. Students not only learn the fundamental concepts of physics and advanced critical thinking and problem solving skills, but they also learn how physical concepts are applied both in the scientific community and in the 'real' world. Students may take this course for college credit. Students who do so are required to pay tuition. *Those that choose to take the AP Physics Test will need to earn a 3 or better on the AP Test to earn college credit, and there is a cost to take the test.*

**Prerequisite: "B" or better in Geometry and/or Algebra 2**

**\*\*Dual credit option through UW-Oshkosh (4 credits)**

**\*\*\*Tuition payment required if enrolled in CAPP course**

## Astronomy

1 cr

### Grade 11-12

This course covers the knowledge and understanding of the sun, earth, moon, and planets. We will explore the basic nature of science and the scientific method. This course may count as one of the lab science classes for meeting the 3 lab science requirement for admission to a 4 year college.

**\*\*Telepresence course\*\***

**Prerequisite: Must have taken OR are currently taking Algebra 2 in the school year you take this class**

**\*\*Dual credit option through UW-Green Bay (4 credits)**

**\*\*\*Tuition payment required if enrolled in CAPP course**

## Medical Terminology

1 cr

### Grade 11-12

This course focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systematic and surgical terminology. **\*\*Telepresence course\*\***

**\*\*Dual credit option through BTC (3 credits)**

# Social Sciences

## Staff

Mr. Steele

steelke@monticello.k12.wi.us

Ms. Swinehart

swineto@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
US History 9	R			
American Studies 10		R		
Sociology			E	E
Sports History (even years)			E	E
World Geography (even years)			E	E
Current Events			E	E
Psychology			E	E
Street Law (odd years)			E	E
World History			E	E
Holocaust			E	E
AP US History			E	E

Items in **Red** are dual credit options with UW-Oshkosh or AP  
 Items in **Blue** are dual credit options with BTC

# Social Sciences

## United States History 9

1 cr

### Grade 9

This course will trace the basic concepts of various historical periods from the first Americans to the Persian Gulf War. Students will realize the importance of relevance (relating the past to the present will help prepare for the future). In addition, studying the functions of local, state, and national government will help students become more aware, responsive citizens.

## American Studies 10

1 cr

### Grade 10

Civics/government and Economics will be a major focus of this course. There will also be discussions surrounding current events and the social problems facing our society today. Students taking this course will develop an understanding of our constitution and their rights and responsibilities as citizens. They will also study simple concepts in economics.

## Sociology

.75 cr

### Grades 11-12

Students in this course will develop an understanding of problems facing our society today. Topics such as education, gangs, sports and society, and American values will be discussed. Students should be prepared to research and debate different topics.

**\*\*Dual credit option with BTC (3 credits)**

## Sports History

.5 cr

### Grade 11-12

This elective will focus on the development of sports in America. We will examine the historical impact that sports have had on American culture. Our historical study will help students understand the relationship between sport and its impact on cultural, economic, social, and political forces in the United States as well the world. We will examine how sports shaped notions of race, gender, and status in American society.

*Offered every other year*

## World Geography

.5 cr

### Grades 11-12

This course will focus on several geographical issues of the different regions of the world. Students will learn how geography impacts society and how the interrelationship of nations affects our world. Along with learning about the characteristics of the region we are covering, the environment, history, government, cultural heritage, economics, and society will be discussed. In addition, current events will be discussed weekly.

*Offered every other year*

## Current Events

.5 cr

### Grades 11-12

This social studies elective will focus on events in the present that shape our lives and world and dictate our future. Studying current events helps students understand the importance between people, events, and issues in the world. This course should stimulate students to explore and learn more about the world around them. We will discuss, analyze, and debate current event issues that are affecting the world today and how they are going to impact our future.

# Social Sciences

## Psychology

1 cr

### Grade 11-12

This introductory course will provide students with an overview of the current body of knowledge and methods of the science of psychology. Topics will include the historical foundations of psychology, cognition, emotions, learning, human development, biological bases of behavior, personality, psychological disorders, psychotherapy and behavior change, and social behavior. This course has two sections. The CAPP section is designed for college students; thus, students are responsible for all lecture and text materials. The other section is designed for high school students (slower paced). This course is 1 semester if taken as a CAPP course OR a year if taken only for high school credit.

**\*\*Dual credit option through UW-Oshkosh (3 credits)**

**\*\*\*Tuition payment required if enrolled in CAPP course**

## Street Law

.5 cr

### Grades 11-12

This course will focus on law-related education. Students will learn substantive information about law, democracy, and human rights through strategies that promote problem solving, critical thinking, cooperative learning, improved communications and conflict resolution skills, and the ability to participate effectively in society. Discussions about pending law and court case situations will be prevalent throughout the course. Expect to discuss current event issues.

*Offered every other year*

## World History

.5 cr

### Grade 11-12

This course will focus on historical events throughout the human era. Students can expect to learn about ancient civilizations and how their contributions relate to society today. In addition, students will study modern history and how these events continue to influence our world today. We will study and discuss the major global events that greatly influenced the world we know today.

## AP US History

1 cr

### Grades 11-12

Study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. Those that choose to take the AP US History Test will need to earn a 3 or better on the AP Test to earn college credit, and there is a cost to take the test.

## Holocaust

.5 cr

### Grades 11-12

This course provides an in-depth study of the Holocaust, one of the most tragic and harrowing events in human history. We will cover the ideas and events leading up to the Holocaust era (1933-1945), as well as its legacy. By studying this dark chapter in history, students will dig into questions of human rights, prejudice, hate, and genocide, fostering critical thinking and empathy. The ultimate goal of this class is that you will understand the ramifications of prejudice and racism, and the dangers of remaining silent and indifferent.

*Offered every other year*



# Technology Education

## Staff

Mr. Theden

thedety@monticello.k12.wi.us

Course	Freshman	Sophomore	Junior	Senior
Introduction to Technology Education	E	E		
CADD	E	E	E	E
Construction		E	E	E
Woodworking I		E	E	E
Woodworking II		E	E	E
Welding I		E	E	E
Welding II		E	E	E
Manufacturing		E	E	E

Items in [Blue](#) are dual credit options with BTC

# Technology Education

## Introduction to Technology Education

1 cr

### Grades 9-10

Hands-on projects and lessons will be used to introduce students to areas of study offered in other Tech Ed classes. These areas include CADD, woodworking, construction, welding, as well as engineering design.

## CADD

.5 cr

### Grades 9-12

This course will utilize software currently used in construction and manufacturing industries. Emphasis will be placed on learning the functions of each software program, utilizing drawing and modeling techniques to create 2D drawings and 3D models, and appropriately adding dimensions to drawings.

## Construction

1 cr

### Grades 10-12

The different areas of residential construction will be emphasized through a project-based, hands-on experience. Areas of focus include: concrete, floor joists, wall framing, rafters, roofing materials, siding, drywall and safe equipment/tool operation. While learning each area, focus will be given to required tools and safety, material calculation/cost, and the construction/installation process.

## Woodworking I

.5 cr

### Grades 10-12

This course will focus heavily on safe tool and equipment operation through demonstrative lessons, practice, and completion of several student projects. Focus will also be given to squaring, cutting, shaping, joining and finishing wood. Some examples of projects made in the past include: cutting boards, end tables, shelves, benches and coffee tables.

## Woodworking II

.5 cr

### Grades 10-12

Woodworking II builds on the lessons learned in Woodworking I. Students will complete additional, more complicated projects while learning new techniques.

**Prerequisite: Woodworking I OR Instructor consent**

## Welding I

.5 cr

### Grades 10-12

This course will focus on Welding Blueprint Reading and Welding Fundamentals/Safety for the following welding processes: SMAW (stick), GMAW (MIG), GTAW (TIG), and FCAW (Flux Core). Students will also learn to cut, prepare, weld, and finish metals. You will be required to have appropriate clothing in order to weld in the lab. This includes jeans with no holes that can cover the top of your footwear and fully enclosed shoes or boots made of material that will not burn or melt. Welding masks, jackets and gloves will be provided.

**\*\*This course is aligned with BTC for Articulated Credit.**

# Technology Education

## Welding II

.5 cr

### Grades 9-10

Welding 2 builds on the fundamentals of Welding 1 and places an emphasis on mastering the techniques of single and multi-pass welds using SMAW and GMAW. You will be required to have appropriate clothing in order to weld in the lab. This includes jeans with no holes that can cover the top of your footwear and fully enclosed shoes or boots made of material that will not burn or melt. Welding masks, jackets and gloves will be provided.

**\*\*This course is aligned with Blackhawk Technical College for Articulated Credit.**

## Manufacturing

.5 cr

### Grades 10-12

Students will have the opportunity to learn how to set up, use, and maintain equipment that can be found in the manufacturing industry. These pieces of equipment include: CNC routers, 3D printers, Laser Engravers and CNC plasma cutters, along with other hand/power tools to prepare and finish materials designed and created. Students will also have the opportunity to earn 6 Industry Recognized Credentials in precision measurement.

# Monticello Schools

## Official Nondiscrimination Clause

The school district of Monticello does not discriminate on the basis of sex, race, color, religion, creed, age, national origin, ancestry, pregnancy, marital status or parental status, sexual orientation, or disability.

Wis. Stat. 118.13 Pupil discrimination prohibited

No person may be denied admission to any public school or be denied participation in, be denied the benefits of or be discriminated against in any curricular, extracurricular, pupil services, recreational or other program or activity because of the person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability.

## Contact Us

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