

## **“Achieving Distinction in All We Do”**



# **2025-2026**

## **Program of Studies**

### **A Resource for the Selection of Courses**



**One Team, One District, One Community**

Fort Atkinson High School | Fort Atkinson Middle School  
Barrie Elementary | Luther Elementary | Purdy Elementary | Rockwell Elementary



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## ***SCHOOL DISTRICT OF FORT ATKINSON | FORT ATKINSON HIGH SCHOOL***

***MISSION: "Cultivate an inclusive high-performing culture of growth and community"***

Welcome to the Fort Atkinson High School Program of Studies Booklet! This resource will help you make the best selection possible from the variety of courses we have to offer. The School District of Fort Atkinson prides itself on providing unique and enriching learning opportunities designed to meet the needs and interests of every student that walks through our doors. No matter what your next path in life is, we are confident that you will find the classes and experiences you need to succeed now and in the future.

The educational opportunities at Fort Atkinson High School are vast and varied. We offer a broad curriculum which will provide students the proper preparation for work or further education upon graduation. Whichever route you choose, this Program of Studies will help you to plan a meaningful education experience during your high school years.

Your high school experience is one that will have a lasting impact on the rest of your life. The four years you spend at Fort Atkinson High School will significantly shape the rest of your life and we are here to help you make the most of your time with us.

This Program of Studies booklet is meant to be a resource to help guide you through Course Selection. This resource is arranged alphabetically by department and provides an overall view of the different courses offered as well as a description of each individual class. Be sure to pay close attention to our Fort Atkinson High School Graduation Requirements and any prerequisites that may be required of each individual course.

Our staff is happy and willing to assist you in your planning. Please reach out to teachers in the department or to your student's school counselor with any questions you may have.

We look forward to another year ahead of great learning experiences and opportunities for your child to continue to succeed and grow!

Sincerely,  
Mrs. Leigh Ann Scheuerell  
Fort Atkinson High School Principal

*The Board of the School District of Fort Atkinson is committed to providing an equal educational opportunity for all students in the District and does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, (including transgender status, change of sex or gender identity), or physical, mental, emotional, or learning disability ("Protected Classes") in any of its student programs and activities. The Board is committed to maintaining an education and work environment that is free from discrimination based on sex, including sexual harassment. ([Policy 2260](#), [Policy 2266](#))*

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# GRADUATION REQUIREMENTS

This booklet includes information on Academic and Career Planning at Fort Atkinson High School. It covers coursework offered for grades 9-12 at Fort Atkinson High School as well as other programming that helps students prepare for their future career, whether that career involves college education, a registered apprenticeship, military experiences, or full-time employment directly after high school.

Academic and Career Planning (ACP) is a collaboratively developed, student-driven process where students cultivate their own informed decisions for post-secondary success. The ACP process increases student motivation, engagement, school connection, and awareness of individual strengths and weaknesses. Students utilizing ACP also improve their understanding of postsecondary options, better connect their goals to educational coursework and other programming and activities, and engage in long-term planning for life after high school graduation. Academic and Career Planning involves both a process that helps students engage in academic and career development activities during high school, as well as creating a Senior Portfolio that shows the development of the student's interests and connection to preparing for postsecondary options. These student-owned planning and monitoring tools help students create a personalized career pathway that is aligned with high school graduation requirements, personal interests, and individually-defined career goals.

At Fort Atkinson High School, students must earn a minimum of 24 credits to graduate. Successful completion of six credits per year are required in order to graduate in four years.

Among the necessary 24 credits for graduation, the following state minimums must be met:

English	4 credits
Social Studies	3 credits
Science	3 credits
Mathematics*	3 credits
Physical Education	1.5 credits
Health: Relationships & Wellness	0.5 credit
Personal Finance & Careers	0.5 credit

*\*Students must successfully complete Algebra I as part of the Mathematics requirement.*

**All graduating students are required to successfully complete all components of the Senior Portfolio process, and, under State of Wisconsin statutes, students must pass the Wisconsin Civics Exam.**

The following are grade level course requirements. The remainder of credits may be chosen from among appropriate electives.

## Freshmen:

English 9 or Accelerated English 9	1 Credit
Global Connections 9 or AP Human Geography	1 Credit
Chemistry I & Physics I	1 Credit
Math - Algebra I, Geometry, or Algebra II	1 Credit
Physical Education	½ Credit

## Sophomores:

English 10 or AP English Seminar	1 Credit
U.S. History or AP U.S. History	1 Credit
Physical Education	½ Credit
Biology I & Earth Science I	1 Credit
Math - Geometry or Algebra II or AP Pre-Calculus	1 Credit
Personal Finance & Career Pathways	½ Credit

Juniors:

English 11 or AP English Language	1 Credit
Physical Education	½ Credit
Health: Relationships & Wellness	½ Credit
Science elective	1 Credit
Math	1 Credit

Seniors:

1 Literature Course	½ Credit
1 Writing Course	½ Credit
OR	
AP English Literature	1 Credit
Economics or AP Microeconomics or AP Macroeconomics	½ Credit
Government or Government-Honors	½ Credit

## **COURSE SELECTION PROCESS:**

Each February, Fort Atkinson High School students in grades 8-11 are asked to select their courses for the next school year. This is an extremely important process which is used to determine staffing levels for the following school year. A master schedule is built based upon the requests students make during the Course Selection Process. It is important to understand that elective classes may not be offered annually based upon the total requests for a particular course. Equally important is the consideration students should give for alternate courses. When the schedules are built, upperclassmen are given priority for elective classes. Therefore, students need to make their selections carefully as changes to schedules prior to the start of school cause a significant disruption to instruction and class size. Again please remember:

- ✓ There is no guarantee that every elective course listed in the “Program of Studies” will be offered each year.
- ✓ In situations where numbers will not allow all students to be scheduled into an elective class, upperclassmen are given preference in filling those classes.
- ✓ Alternate classes need to be selected in the case that a preferred course cannot be offered.
- ✓ Dual Credit status is pending teacher certification and availability through the partner technical college

# **START COLLEGE NOW (SCN) & EARLY COLLEGE CREDIT PROGRAM (ECCP)**

## **Start College Now Program (SCN) - Students enrolling in a Wisconsin Technical College course**

1. Allows 11<sup>th</sup> and 12<sup>th</sup> grade students who are in good academic standing and have good attendance records to enroll in one or more courses at a Wisconsin Technical College during the regular academic school year.
2. The student's school district will pay the cost of tuition, if a comparable course is not offered at the student's high school.
3. **The completed Start College Now Application** is due to the student's counselor at least 5 days prior to the official due date of either **March 1<sup>st</sup>** for enrollment in a all semester course, or **October 1<sup>st</sup>** for enrollment in a spring semester course.
4. The student will receive a copy of their approved Start College Now Application back from the School Board. The student then will need to take further steps to register for the course(s) with the technical college.
5. The technical college may require additional standardized testing prior to enrollment in a course.
6. If a student receives a failing grade in a course or fails to complete a course for credit for which the School District has made payment, the student's parent or guardian, or the student if s/he is an adult, is required to reimburse the School District the amount that was paid on the student's behalf.

## **Early College Credit Program (ECCP) Students enrolling in a Wisconsin four-year college course**

1. High school students are eligible to take four-year college courses during the fall, spring, or summer semesters to earn college credit.
2. The student's school district will pay the cost of tuition, if a comparable course is not offered at the student's high school.
3. Under ECCP, the costs of the courses are shared among the school, the state, and in some cases the student's family.
4. The ECCP Application is due to the student's counselor at least 5 days prior to the official due date of either **March 1<sup>st</sup>** for enrollment in a all semester course, or **October 1<sup>st</sup>** for enrollment in a spring semester course, or **February 1<sup>st</sup>** for a summer session course.
5. The student will receive a copy of their approved ECCP application back from the School Board. The student then will need to take further steps to register for the course(s) with the college.
6. The college may require additional standardized testing prior to enrollment in a course.
6. If a student receives a failing grade in a course or fails to complete a course for which the School District has made payment, the student's parent or guardian, or the student if s/he is an adult, is required to reimburse the School District the amount that was paid on the student's behalf.

# PREPARING FOR COLLEGE

## University of Wisconsin System

The range of courses offered in high school is designed to prepare students with differing interests and skills for a wide variety of life-after-high-school options. College prep courses are particularly appropriate for providing you with the academic background you need to succeed in completing a degree program at a college or university.

College preparatory or a “college prep” program is made up of four core studies: English, math, social studies/history, and natural science. These are the foundation of success in college. All UW System colleges require a minimum of 13 credits in the core subjects, plus four credits in subjects of the student’s choosing (foreign language, art, music, computer science, etc.). Technical and career courses may also be accepted for a portion of a student’s elective credits.

There are some courses offered at Fort Atkinson High School in the four core areas that do not meet credit requirements for admission to a UW System institution. These courses are identified in the Program of Studies. College preparatory courses are characterized by the academic challenge they present, requiring time and intellectual effort extending beyond the classroom.

University and secondary school educators generally agree on which courses are and are not acceptable for college preparatory credit. However, because of varying academic goals and missions, one institution of higher education may accept a course for college preparatory credit, whereas another may not. University admissions officers make acceptance decisions based upon faculty policies and other criteria.

Furthermore, All parts of a college application are considered during the review process. While there’s an emphasis put on academics, colleges understand there’s more to a student than just grades and test scores. They look at how a student’s academics are interconnected with other aspects like work experience and leadership qualities. This allows for a more comprehensive review of your application.

### ACADEMIC FACTORS CONSIDERED

- Quality of high school coursework
- Grade Point Average (GPA)

### OTHER FACTORS CONSIDERED

- Work experience
- Leadership qualities
- Motivation, creativity, resourcefulness, etc.
- Community service
- Special talents
- Status as a nontraditional or returning adult student
- Status as a veteran of the U.S. military
- Socioeconomically disadvantaged

The following information is designed as a guide to help students select college preparatory credit courses that fit their post-secondary goals. The examples given illustrate the types of courses that may be acceptable for college preparatory credit, but they do not cover all possibilities.

If you have questions about the acceptability of a specific high school course, contact the Admissions Office or the institution you plan to attend, or contact UW HELP, the UW System advising service at (800) 442-6459 or [uwhelp@uwsa.edu](mailto:uwhelp@uwsa.edu) or visit their website at [www.uwhelp.wisconsin.edu](http://www.uwhelp.wisconsin.edu)



## COLLEGE PREPARATORY CREDIT REQUIREMENTS

All UW System institutions require a **minimum** of 17 high school credits distributed as follows:

### I. Core College Preparatory Credits

English	4 credits
Mathematics (Algebra I, Geometry, Algebra II)	3+ credits
Social Science	3 credits
Natural Science (Lab Sciences)	3 credits

**TOTAL** **13 credits**

### II. Elective Credits

**4 credits**

Elective credits are chosen from the above core college preparatory areas, world language, fine arts, computer science, and other academic areas. World language is not an admissions requirement for any University of Wisconsin school at this time. However, UW-Madison, UW-Platteville, and UW-Milwaukee require 2 years of World Language to earn a degree from their institutions. Students can be exempt from needing to complete this university requirement by completing 2 years of a single language while in high school and passing the world language placement testing requirements for their campus.

For more information, refer to the admissions requirements for each individual university as on their websites or visit the UW HELP website at [uwhelp.wisconsin.edu](http://uwhelp.wisconsin.edu)

## Courses Not Considered Core College Preparatory Credits

### English

Courses not accepted as core college preparatory credits tend to be those that emphasize applied skills, performance, or technical production. (Newspaper/Yearbook, Contemporary Communications are most likely not acceptable).

### Math

In most cases, courses are not accepted as core college preparatory credits in Math if they: 1) are taught prior to Algebra, 2) are Computer Science or Statistics related courses, 3) are some technical college dual credit courses

### Social Science

All of the Social Studies Department's courses are considered college preparatory.

### Natural Science

Any courses which are more applied in nature should be reviewed by an admissions officer for acceptability. Electronics, Conceptual Physics, and Medical Occupations are examples of applied courses that do not meet college prep requirements.

# ADVANCED PLACEMENT PROGRAM

## What is Advanced Placement?

The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and colleges and universities. It allows high school students to experience college-level academic learning through AP courses, and gives them the opportunity to show that they have mastered the advanced material through the AP exam. Advanced Placement Exams are given on national test dates in Fort Atkinson during the month of May. Exams are a combination of multiple-choice and essay questions. Every examination receives an overall grade on a five-point scale: 5 (extremely well qualified); 4 (well qualified); 3 (qualified); 2 (possibly qualified); and 1 (no recommendation). Students can receive credit, advanced class placement, or both, from thousands of colleges and universities that participate in the Advanced Placement Program. Students should check with their potential colleges on which AP courses are allowed to be transferred for credit.

AP courses **make substantial academic demands on students**. Most courses are a full year in length. Students are required to do considerable outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first-year students in a strong college program. This experience helps them develop the intellectual skills, independence, and self-discipline they will need in college. Fort Atkinson High School expects all AP students to take the AP exam as part of the course requirement (NOTE: Students are responsible for the exam fee). *Generally, students should have a grade history no lower than a B+ in related content to be successful in AP classes.*

## What are the benefits of Advanced Placement?

Selection of advanced placement courses will benefit students in the following ways:

- Provide college credits for courses and examinations successfully completed in high school.
- Exempt them from some introductory college courses, thus permitting students to move more quickly into advanced college courses.
- Motivate them to attempt more challenging courses in both high school and college.
- Develop, in a high school environment, the study skills and habits they will need in college.
- Bolster their confidence that they can meet college requirements.
- Reduce college costs and time to obtain a degree.
- Colleges view advanced placement experience as a sign of potential college success for admissions purposes.

## If I don't get a good grade in the AP class or a good score on an AP Exam, will it hurt my chance for college admission?

Generally, it is to your advantage to submit all evidence of your college-level work because:

- College officials evaluate courses based on the rigor of the course as well as the grade received.
- If you report AP grades before your Senior year, you will be informing colleges that you are serious about your studies.
- If you take an examination as a senior, colleges will not receive your grade before July, well after you have been admitted.
- You can control the reporting of your AP Examination grades. When taking the exam, you indicate on your answer sheet the name of the college you wish to receive your grades. Later you can write to the AP Program and request your grades be sent to the colleges of your choice.

## Can I take an AP exam without taking an AP course?

Taking an AP course is the best preparation for an AP exam. However, some students who have a strong background in certain areas may be able to perform quite well on an AP exam by preparing on their own.

## How much credit can I expect to get from an AP course and exam?

You will receive high school credit for taking an AP course. Each college decides which AP exam scores it will accept for credit or for advanced placement. Most colleges accept scores of 3 and above to award credit equivalent

to the corresponding college course, which can vary from 3-5 credits for most AP equivalent courses. Information about acceptance of AP credits at University of Wisconsin System schools is available on the UW HELP website at [uwhelp.wisconsin.edu/prep-for-college/credits/](http://uwhelp.wisconsin.edu/prep-for-college/credits/)

### **How do I get involved in AP?**

An AP teacher or your school counselor can help you determine which AP courses may be good for you. Plan ahead in 9th or 10th grade so you will have the appropriate background courses for the AP classes offered during your junior or senior year.

# DUAL CREDIT PROGRAM

## What is dual credit?

Dual Credit courses are technical college-equivalent courses that are taken in high school. Some Fort Atkinson High School departments have Dual Credit Agreements with Madison College, Southwest Technical College, and Waukesha County Technical College (WCTC). These agreements give students the opportunity to earn college credit for courses taken in high school AT NO COST to the student. These dual credit courses allow high school students to begin a technical college program and earn college credits while still enrolled in high school. These courses are designated as “DC” (dual credit) in this Program of Studies and on student transcripts.

## What are the benefits to you as a student?

- You do not have to pay college tuition for dual credit courses.
- It may take you less time to complete your program at the technical college after high school.
- Some dual credit courses may transfer to four-year institutions both in and outside of the State of Wisconsin. Check with your intended college for the possibility of transferring credit to a particular institution.
- You can develop marketable skills in a more condensed period of time.

## What do YOU need to do?

- Register with the associated technical college in the fall to receive the dual credit (this is done in class).
- Earn a grade of “C” or better for the semester(s) in the course.

Students who receive academic accommodations through an IEP or Section 504 Plan will be required to meet with the course’s respective technical college’s Disability Services Office in order to receive their academic accommodations for the dual credit course. Information will be provided to these students at Course Selection. Per Title II of the Americans with Disabilities ACT (ADA), institutions must provide reasonable accommodations to allow an individual with a disability the opportunity to participate in the institution’s educational programs.

## Who can answer any questions I may have about dual credit?

Seek information from the teachers who teach dual credit courses or see your school counselor.

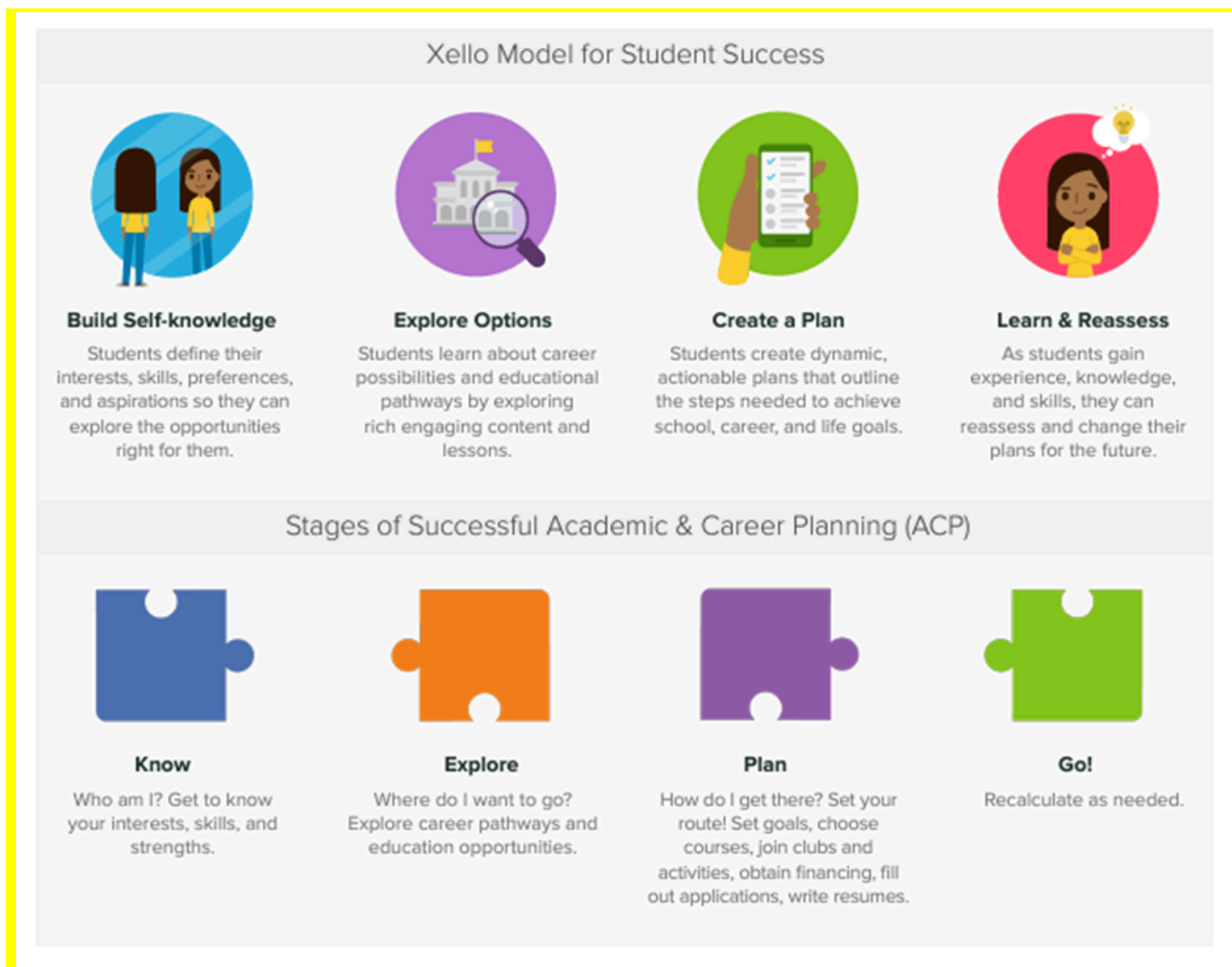
Department	High School Course	Associated Technical College
Agriculture	Advanced Animal Science - DC	Western Tech College
Business Information & Technology	IT Essentials II - DC Microsoft Office Essentials II - DC Marketing II - DC Video & Digital Media Production - DC Social Media Marketing - DC Accounting Principals I - DC Intro to Entrepreneurship - DC	Madison College Madison College Madison College Madison College Madison College Madison College Madison College
English	Intro. to College Reading & Study Strategies - DC Written Communications - DC	Madison College Madison College
Mathematics	Math Reasoning - DC Intermediate Algebra - DC	Madison College Madison College
Family & Consumer Education	ProStart I & II - DC Baking, Pastries, & Chocolatiering - DC	WCTC WCTC
Science	Intro to Education & Teaching - DC	Madison College
Technology Education	Advanced Machine Tool - DC Advanced Welding - DC Fabrication - DC	Madison College Madison College

\*Dual Credit status pending teacher certification and availability through the partner technical college

# ACADEMIC & CAREER PLANNING (ACP)

The State of Wisconsin requires all students in grades 8-12 develop an Academic Career Plan (ACP). This plan guides students to choose courses and activities that allow them to explore their interests and prepare them for the training and education that they will need after high school to pursue their career goal. Academic and Career Planning is embedded into the coursework and programming at Fort Atkinson High School, but also involves formalized activities each year, including Freshmen Conferencing, personalized career exploration and planning through the Personal Finance & Career Pathways course, Junior Conferencing, and semi-annual Career Fairs. The culmination of each student's ACP process is the creation of their Senior Portfolio which shows the development of the student's ACP over the course of high school.

Students utilize the Xello software program beginning in 8th grade with the School District of Fort Atkinson. This is the State of Wisconsin approved software for Academic and Career Planning. Each student has their own personalized Xello account that they access through their PowerSchool account. This software is utilized by students throughout grades 8-12 to create their own, unique roadmap for future success - enabling them to discover their own personalized pathway through self-knowledge, exploration, and planning. Built on a proven model for student success, Xello is aligned to Department of Public Instruction Academic and Career Planning requirements.



# YOUTH APPRENTICESHIP PROGRAM

The Department of Workforce Development (DWD) Youth Apprenticeship (YA) program provides Fort Atkinson High School juniors and seniors with a school supervised work experience that provides students with specific occupational skills, valuable employability skills, and a general knowledge of the world of work. Youth Apprenticeship students earn a State Skills Certificate upon graduation. Students who successfully complete the program have the option of entering into careers in the workforce, applying for a registered adult apprenticeship, joining the military or enrolling into a technical or 4-year university program.

## Benefits of Youth Apprenticeship

- Students earn pay while they learn workplace skills and receive on-the-job training
- Students earn a state-issued skills certificate from the Department of Workforce Development
- Work with skilled on-the-job mentors and a teacher mentor at Fort Atkinson High School
- Increase self-confidence in abilities and strengths
- Earn high school elective credit for graduation
- Expands on the knowledge learned in high school coursework to explore career interests
- Modified school schedule for students who want to be able to work more
- Positively impacts GPA: Students earn grades for work hours.
- Increase Scholarships. Students can write about their YA experiences in scholarship essays
- Students can transition into Adult Registered Apprenticeship after graduation
- College Benefits: internship hours can potentially be reduced

## Steps to Enroll

- Select an area of interest and enroll in at least two related high school courses.
- Apply for and secure a work-based training position
- Complete the Youth Apprenticeship Training Agreement form with your school counselor
- Complete the quarterly related training and competencies in that area, as monitored by your employer and supervising teacher.

# Work-Based Learning

Youth Apprenticeship is offered in the following areas:

Occupational Area	One Year Programs	Two Year Programs
<b>Agriculture, Food &amp; Natural Resources</b>	Animal Fundamentals, Arborist, Plant Fundamentals, Environmental Systems: Basic and Advanced Water Resources, Agriculture Mechanic Technician, Landscaping	Animal/Herd, Dairy Grazier, Small Animal/Veterinarian Technician, Arborist, Crops, Floral/Greenhouse
<b>Architecture and Construction</b>	Carpentry, Electrical, Heavy Equipment Operator, Masonry/Concrete, Mechanical/HVAC, Plumber, Architectural Drafting & Planning, Gas Distribution, Utilities Field Technician	Carpentry, Electrical, Masonry/Concrete, Architectural Drafting & Planning
<b>Arts, A/V Technology &amp; Communications</b>	Graphic Design, Pre-Press Operator, Press and Post-Press Operator, Media Broadcast Technician	Media Broadcast Technician
<b>Business Administration</b>	Administrative Professional Human Resource Professional	Administrative Professional Human Resource Professional
<b>Education</b>	Early Childhood Education School Age Education	Early Childhood Education School Age Education
<b>Finance</b>	Accounting, Banking, Insurance	Accounting, Banking
<b>Health Science</b>	Dental Assistant, Medical Assistant, Nursing Assistant, Pharmacy Tech, Resident Aide, Medical Office, Dietary Aide, Medical Laboratory Assistant, Medical Imaging, Optical Assistant, Phlebotomist, Physical Therapy Aide	Dental Assistant, Nursing Assistant, Resident Aide
<b>Hospitality and Tourism</b>	Food & Beverage Service, Lodging, Meeting & Events	
<b>Information Technology</b>	IT Essentials, IT Broadband Technician, IT Network and Security, IT Software and Application Development	
<b>Manufacturing</b>	Assembly & Packaging, Machining, Manufacturing Processes, Welding, Production Operations, Industrial Equipment, Electromechanics/Mechatronics	Machining, Manufacturing, Welding, Industrial Equipment
<b>Marketing</b>	Marketing Communications, Merchandising, Professional Sales	Marketing Management, Marketing Research/Competitive Intelligence
<b>Science, Technology, Engineering &amp; Mathematics (STEM)</b>	Bioscience Lab Foundations, Engineering Drafting	Bioscience Applications, Civil Engineering, Mechanical/Electrical Engineering
<b>Transportation, Distribution, and Logistics</b>	Aviation Maintenance Fundamentals, Airport Operations Management, Supply Chain Assistant, Automotive Technician, Collision Repair, Diesel Tech	Airframe & Powerplant Technician,, Avionic Technician, Distribution and Transportation, Inventory Management, Planning & Purchasing, Storage & Warehousing, Automotive Technician, Collision Repair, Diesel Technician

# AGRICULTURE

## MISSION STATEMENT Agriculture Department School District of Fort Atkinson

Agriculture is our world's most vital industry. The demand for production, processing, and distribution of food and fiber products is a never ending need. Agriculture Education will work with each student to develop an awareness of the importance of agriculture. Students will be exposed to a wide variety of career opportunities and life long skills. The agriculture education program will be continuous and encompass the areas of agriculture exploration, applied agriculture science, agriculture business, and agriculture production. Students will develop competencies needed to successfully gain employment in these areas.

Course Name	Credit	9	10	11	12	Prerequisite
Introduction to Agriculture	1	X	X			None
Animal Science - DC^	1		X	X	X	None
Plant Science	1		X	X	X	None
Agribusiness Operations*	½			X	X	None
Wisconsin Agriculture*	½			X	X	None
Food Science	½			X	X	None
Greenhouse Management	½			X	X	Plant Science
Landscape Design*	½			X	X	Plant Science
Veterinarian Science*	½			X	X	Animal Science
Production Agriculture Youth Apprenticeship	½ - 1			X	X	Concurrent enrollment in 1.0 credit of related coursework

\*These courses take multiple trips to offsite locations. Students often transport themselves to those locations. If a student does not have transportation it may be provided. Permission forms and appropriate documentation will be provided when classes begin.

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

### INTRODUCTION TO AGRICULTURE

Grade Level: 9, 10

Credit: 1

Length: Full Year

Prerequisite: None

The course will feature units in Agriculture Careers, Leadership, Animal Science, Wildlife Ecology, Agronomy, Horticulture, Agricultural Safety and Agriculture Business. Special time will be devoted to leadership training in Parliamentary Procedure, communication and community service. "Hands-on" activities will highlight each unit with the use of the Animal Lab, Plant Lab, Greenhouse, Computer Lab, Outdoor Lab, and Field Trips.

### ANIMAL SCIENCE (Dual Credit\*)

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Animal Science or Instructor Approval

**Western** Technical College

This course provides fundamental knowledge of the animal science field. Topics include animal basics, animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and job related safety. Participants will experience animal concepts through the completion of hands-on activities. This is a dual credit course offered through Western Technical College.

\*Dual Credit status pending teacher certification and availability through the partner technical college



**PLANT SCIENCE** (\*Science Equivalency)

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

This course will cover the basic skills needed by a student interested in a career or hobby related to plant science. Course work features units in careers, plant growth and reproduction, soils, greenhouse management, plant diseases & pest management, flowers, fruits, vegetables, and landscape ornamentals. A variety of "hands on" activities including field trips, guest speakers, indoor and outdoor plant care, and greenhouse production.

**AGRIBUSINESS OPERATIONS**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Students in this class will learn about agricultural input supply, production, finance, commodity assembly and processing, and marketing.

**WISCONSIN AGRICULTURE**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Wisconsin Agriculture provides an in-depth look at the agriculture industry specific to Wisconsin. Students will learn about production methods, storage, processing, and marketing specific to Wisconsin crops and animals such as cranberries, ginseng, maple syrup, pumpkins, apples, cereal grains, milk, dairy cattle, poultry, horses, and livestock. Agri-Tourism and advocacy will be major themes within this course.

**FOOD SCIENCE**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

The course will apply the principles of basic sciences, such as biology, chemistry, engineering, physics and psychology to the problems of food production. Students will examine basic aspects of food manufacturing such as: consumer acceptability, consumer concerns, food composition, quality factors

of foods, food preservation, product analysis, processing methods, economics, nutritional quality, labeling, regulations, and safety. Students will participate in FFA supervised agricultural experience project, career development activities, guest speakers, processing activities, preservation labs, product development projects, educational field trips, and research activities.

**GREENHOUSE MANAGEMENT**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: Plant Science

This course will include the advanced study of flowers, fruits, vegetables, and landscape ornamentals. Topics will include: plant selection and identification, plant diseases, container grown plants, growth stimulants and regulators, plant propagation, integrated pest management, maintaining landscape plants, and careers in horticulture. Students enrolled in this course will manage the greenhouse for the semester.

**LANDSCAPE DESIGN**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: Plant Science

The advanced course provides a background in horticulture, nursery and planting standards, and in the creative process of design. Topics will include: plant selection and identification, landscape design principles, landscape design (CAD), hardscaping, irrigation, masonry, fences, equipment usage and maintenance, landscape surveying and calculations, landscape contracts, contractors and documents, and installing and maintaining landscape plants.

**VETERINARIAN SCIENCE**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: Animal Science

\*Science Equivalency – (counts towards 3<sup>rd</sup> credit of science)

Veterinarian Science is designed to give animal science students an advanced working knowledge of the large animal, laboratory animal, veterinary assistant, and pet industries. Students will be instructed in the care, maintenance, and training of all

common domesticated animals. Students will be prepared for entry level positions in the animal industry, pet industry, animal breeding industry, livestock industry, and veterinary assistant training. Veterinarian Science will also give students a strong life science background with emphasis in anatomy, physiology, diseases, genetics, and nutrition to help prepare students for entry into college and technical school.

### **AGRICULTURE YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credit:  $\frac{1}{2}$  – 1

Length: 1 or 2 Semesters

Prerequisite: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

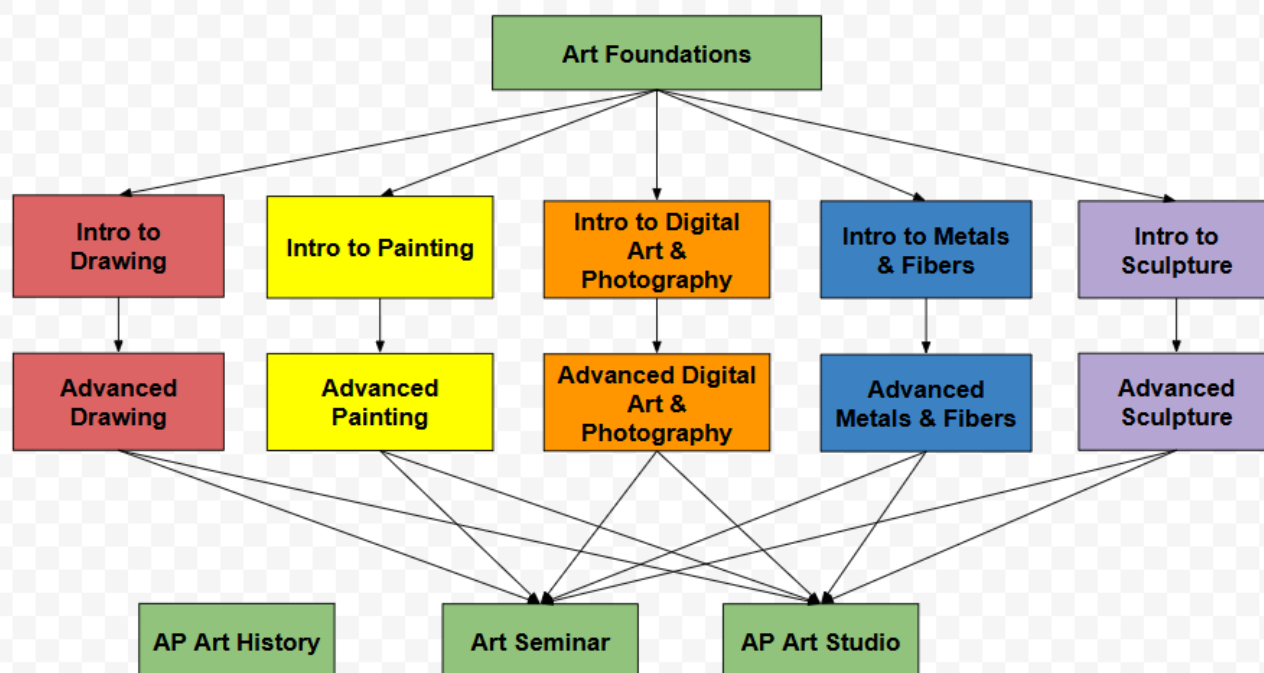
This is the on-the-job component for students. Students are placed or find their own job opportunities which enable them to work part-time in an agricultural job setting. This program is designed to integrate school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or advanced standing in a post-secondary technical program. To be eligible, students must be in academic good standing, on track to graduate, and not have any attendance or behavior concerns. Students must also be concurrently registered in a related course each semester. Students are responsible for gaining employment in a related, relevant job. Seniors must complete their hours by August 31 of their graduation year. Employment sites must agree to pay Youth Apprentices at least minimum wage. Students must complete a minimum of 450 work hours. An Education/Training Agreement form must be completed.

# ART

Proposed Course Offerings:	Credit	9	10	11	12	Prerequisite
Art Foundations*	½	X	X	X	X	None
Intro to Drawing*	½	X	X	X	X	Art Foundations or
Intro to Painting*	½	X	X	X	X	Art Foundations or Accelerated Art 8
Intro to Sculpture	½	X	X	X	X	Art Foundations or Accelerated Art 8
Intro to Art Metals and Fiber*	½	X	X	X	X	Art Foundations or Accelerated Art 8
Intro to Digital Arts & Photography	½	X	X	X	X	Art Foundations or Accelerated Art 8
Advanced Drawing	½	X	X	X	X	Intro to Drawing
Advanced Painting*	½	X	X	X	X	Intro to Painting
Advanced Sculpture	½	X	X	X	X	Intro to Sculpture
Advanced Art Metals and Fiber*	½	X	X	X	X	Intro to Art Metals & Fiber
Advanced Digital Arts & Photography	½	X	X	X	X	Intro to Digital Arts
AP Art Studio	1				X	Multiple art classes & teacher consent
Art Seminar	1				X	Any Art Class & teacher consent
AP Art History	1		X	X	X	None

\* Course has a fee for materials. However, financial assistance is available for students who are not able to pay this fee.

## Art Department Course Pathways



## **ART FOUNDATIONS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

**Materials fee: \$10**

Do you wish you had more time in your day to explore your creative side? Art Foundations provides an overview of several artistic disciplines both two and three-dimensional. Students of all levels will explore drawing, painting, sculpture, metals, and digital art. Students will be encouraged to develop work that promotes personal expression, creativity, craftsmanship, and techniques. This class focuses on establishing a strong understanding of the elements of art and principles of design while also teaching students to become careful observers of the world around them. Projects in this class are designed to promote higher-level thinking through problem solving, while enjoying a hands-on relaxed environment.

## **INTRO TO DRAWING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Art Foundations or Accelerated Art 8

**Materials fee: \$25**

Intro to Drawing focuses on strengthening knowledge, understanding and use of a variety of drawing techniques while increasing observational skills. Students will also build their ability to express themselves through their artwork. We will use a variety of media and techniques such as charcoal, graphite, ink, and colored pencil, in a series of observational drawings, portraits, and surrealistic pieces and a final student choice work. Students in this class will build strong foundational drawing skills and techniques which are necessary and useful for all other media. We recommend this course prior to taking Intro to Painting and Intro to Digital Art. This course is a must for anyone that is contemplating pursuing the Visual Arts as a career; it is well suited to students thinking about becoming draftsmen and designers. The ability to draw is also an essential skill for any design field (architects, engineers, graphic designers, interior designers, game designers, etc).

## **ADVANCED DRAWING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Intro to Drawing & Printmaking

Students will build upon the skills and techniques gained in Intro to Drawing. We focus on being expressive in our drawings while experimenting with our techniques and materials. Students will be given the opportunity to engage in more independent and open projects and use their drawing skills to express themselves as individuals. The goal of this class is to help students become experts in drawing, supportive members in a group of artists, and regain the openness to experiment with their art again. We will explore figure drawing, mixed media work, watercolor and ink, and student choices in media. Students leave this class as creative problem solvers with the ability to use their drawing skills in imaginative and expressive ways.

## **INTRO TO PAINTING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Art Foundations or Accelerated Art 8

**Materials fee: \$10**

Intro to painting is a great class for beginner and experienced artists alike. Students will be tackling painting in a hands-on way, and experiments with the medium while being instructed on techniques of painting. With a series of directed projects, students will be introduced to the painting mediums watercolor and acrylic. Painting skills learned throughout the class will build on each other, and offer each student the opportunity to explore their personal thoughts and feelings through the medium. Students will learn important art communication skills and connect with their peers through their art making experience. This course invites students to make their mark!

## **ADVANCED PAINTING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Intro to Painting

**Materials fee: \$10**

Students in this class will learn advanced techniques in oil and gouache painting. Students will also have the opportunity to work on more complex subjects

and develop their own unique style. Advanced Painting will build on the skills learned in Intro to Painting, while also showcasing different skills. Students will be given the opportunity to engage in more independent projects and use their painting skills to express themselves as individuals. Students in this class will walk away with greater confidence in their skills, as well as deeper understanding of the techniques of painting.

### **INTRO TO SCULPTURE**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Art Foundations or Accelerated Art 8

In Intro to Sculpture we will be using a variety of hand-building techniques to create ceramic sculptures, vessels, and effigy tea pots followed by an independent clay project where students get to dive deeper into their creative voice. Students end the semester by learning to cut glass and build a stained glass mosaic. There will be a focus on creativity, technique and skill building as we explore each project.

This is a great course for students that enjoy working with their hands and is a great companion for construction, wood-working and metals courses. If you plan on going into construction, furniture design, engineering, architecture, interior design, dentistry, and other fields in which one creates three dimensional objects this class is a great way to build dexterity, skill and knowledge.

### **ADVANCED SCULPTURE**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Intro to Sculpture

In this course students will expand on the basic knowledge gained in Intro to Sculpture by studying advanced techniques in clay and glass. Students will create larger scale artwork that is more conceptual in nature as well as experience wheel throwing! We will continue to grow our sculptural ceramic experience while encouraging students to experiment and explore their artistic voice. This course also allows for students to independently produce artwork that fits their individual aesthetics and voice.

### **INTRO TO ART METALS AND FIBERS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Art Foundations or Accelerated Art 8

**Materials fee: \$20**

In Art Metals and Fibers students will be introduced to a variety of jewelry making techniques (sawing, piercing, soldering, forming, stone setting, etching, and more). We create wearable metal objects as well as decorative metal objects. We will also learn about shibori and tie-dye techniques. This class provides a great opportunity to build a new and unique skill. You will walk out of this class having made a pair of earrings or an ornament, a bracelet or a candle holder, a necklace or a wall hanging, a ring, three dyed t-shirts, and one final independent metals project. The quality of work produced in this class is college level and many students have sold their artwork from our art shows and even to staff at school! This is a great companion course to Metals in the Tech Ed program, building on many of the same concepts and techniques, yet having a focus on design and creativity. Taking another Intro course prior to taking this increases student success in this unique, hands-on class.

This is a great course for students exploring a field in design (interior design, furniture and cabinet making, welding and large scale metal work, etc). Additionally, art students who like working 3-dimensionally or building objects would love this class.

### **ADVANCED ART METALS AND FIBERS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Intro to Art Metals and Fibers

**Materials fee: \$20**

Students in advanced art metals will learn more advanced techniques in the studies of textiles (batik and multiple felting techniques). Advanced techniques in metal smithing will also be explored (enameling, casting, and unique connections). Students will experiment with these new techniques, combining them in unique ways while exploring their artistic voices. Students will leave this class with all the skills necessary to jump directly into a college level jewelry program feeling confident and secure in their knowledge and skills.

## **INTRO TO DIGITAL ART AND PHOTOGRAPHY**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester;

Prerequisite: Art Foundations or Accelerated Art 8

Are you considering a career in visual communication? This class is designed for the student who enjoys taking photos, drawing digitally, experimenting with digital tools, and may be considering a career in the design industry! Students will learn to navigate industry standard software like Photoshop and Procreate, and build a toolkit of digital skills! Major themes studied will be digital art, photography techniques, and photo-manipulation. Students will learn how to navigate Photoshop and Procreate.

## **ADVANCED DIGITAL ART AND PHOTOGRAPHY**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Intro to Digital Arts

This class is for students who would like to extend their skills in photography, technology, and digital art. Students in this class will continue to explore career pathways of the Digital Arts Industry such as animation and visual communication. Students will be challenged to “think outside the box” to solve high level design problems. While completing real-world tasks, students are also invited to explore their creative side and express their ideas via photos, graphics, digital art, and animation!

## **AP ART STUDIO**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: Senior with at least one art class (more is *highly* recommended) and art teacher recommendation

The AP Studio portfolios are designed for students who are seriously interested in the practical experience of art and the opportunity to create art in an independent studio environment. AP Studio Art is not based on a written exam; instead, students submit digital portfolios for evaluation at the end of their AP course. This portfolio of high quality and thoughtful work is built around a central question, or theme, that

students explore throughout the year through either 2D works OR 3D works.

Students interested in this class should discuss their placement in it with Mrs. Szabo prior to signing up and should have a broad base of art class experience in order to be successful.

*Students who take this course are required to take a 3 day summer school class to prepare for the year of art making.*

## **ART SEMINAR**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: Senior with at least one art class (more recommended) and art teacher consent

This class is structured for senior art students that want the independence to choose their media, subject, techniques and ideas for art. This is an independent project based course that closely mirrors AP Art but does not require the rigor of the portfolio nor the opportunity to earn college credit. This class pairs best with a student that has taken multiple art courses in their time in high school as it relies on prior knowledge as well as students that are both proactive problem solvers and self-starters. For students with an advanced understanding of art that really want to explore their own artistic ideas and voice.

## **AP ART HISTORY**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

Dive into the world of Art History while also earning credit towards your post-secondary education! AP Art History provides the same benefits of an introductory college course to high school students. Students will study numerous forms of art from a variety of cultures across multiple eras—from the ancient world to the present! They will analyze and interpret works of art in their historical contexts, and they will learn about the cultural interactions and influences of different styles and movements. This course is a great choice for students who are interested in art, history, or are looking for a fun way to fulfill a humanities credit that most colleges require for graduation.

# BUSINESS & INFORMATION TECHNOLOGY



Course Name	Credit	9	10	11	12	Prerequisite
Microsoft Office Essentials I	½	X	X	X	X	None
Microsoft Office Essentials II - DC^	½	X	X	X	X	Microsoft Essentials I
Marketing Essentials I	½	X	X	X	X	None
Marketing Essentials II - DC^	½	X	X	X	X	Marketing Essentials I
Social Media Marketing - DC^	½	X	X	X	X	None
MultiMedia & Web Page Design	½	X	X	X	X	None
Video & Digital Media Production - DC^	½	X	X	X	X	Multimedia & Web Page Design I
Assessment Strategies & Study Skills	½		X	X	X	None
Personal Finance	½			X	X	None
Intro to Entrepreneurship - DC^	½	X	X	X	X	None
IT Essentials I	½			X	X	None
IT Essentials II - DC^	½			X	X	IT Essentials I
Accounting Principles I - DC^	1		X	X	X	None
Accounting II	1			X	X	Accounting I & Instructor Approval
Business Law	½			X	X	None
Youth Apprenticeship	1			X	X	Concurrent enrollment in 1.0 cr of related coursework

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

## **MICROSOFT OFFICE ESSENTIALS I**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

The programs of Microsoft Office (Word, Excel, and PowerPoint) are considered an industry standard when it comes to creating documents and presentations. In this course you will be introduced to the basics of Microsoft Office and have an opportunity to create, edit, and modify documents and presentations that can be used in personal, work and school-related activities.

## **MICROSOFT OFFICE ESSENTIALS II**

**(Dual Credit\*)**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Microsoft Office Essentials I



This course will build off of what is learned in the Microsoft Office Essentials I course. Students will learn more in-depth concepts and study additional tasks that can be accomplished with the Microsoft Office Suite. Students will also look at real-world applications for the Microsoft Office Programs, learn concepts and create projects that will be useful after high school. Upon successful completion of Microsoft Essentials I and Microsoft Essentials II over the course of 9th through 12th grade, Madison College offers dual credit.

\*Dual Credit status pending teacher certification and

availability through the partner technical college

### **MARKETING ESSENTIALS I**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Do you ever wonder why consumers choose certain products when there are often dozens of products that do the exact same thing? It is called marketing, it's the process of studying consumer behaviors and beliefs to develop and promote products that consumers will want to purchase. You will learn about the four functions of marketing, which are price, product, place, and promotion. You will gain not only an understanding of the functions, but get several chances to actually execute your knowledge and understanding of them through hands-on projects as well as working in the school store.

### **MARKETING ESSENTIALS II (Dual Credit\*)**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Marketing I



Students will gain a deeper understanding of the concepts learned in Marketing I and get the opportunity to learn about vital concepts like market research, packaging, branding, visual merchandising, sales, advertising, e-marketing, how social media has impacted marketing, and much more. Upon successful completion of Marketing Essentials I and Marketing Essentials II over the course of 10th through 12th grade, Madison College offers dual credit.

**Dual Credit** after successful completion of Marketing Essentials I & II.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **SOCIAL MEDIA MARKETING (Dual Credit\*)**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None



Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a

successful social media presence for an organization, understand techniques for gaining buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts. This course includes a dual credit opportunity with Madison College.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **MULTIMEDIA & WEB PAGE DESIGN**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Are you prepared? Today people like to communicate with images and sound via web pages, animations/movies, cell phones, music and other digital media. A variety of industry accepted programs are used in these courses to teach the design concepts for building effective web pages and movies.

### **VIDEO & DIGITAL MEDIA PRODUCTION (Dual Credit\*)**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Multimedia & Web Design I



Are you prepared? Today people like to communicate with images and sound via web pages, animations/movies, cell phones, music and other digital media. A variety of industry accepted programs are used in these courses to teach the design concepts for building effective web pages and movies. The Level II course will expand on the designing and building of effective web sites and communication media.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **PERSONAL FINANCE**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Learning to manage your money is as important as earning it. Financial literacy among teens has been recognized as a necessity. Personal Finance helps students become "financially fit" by studying the areas of Financial Aid, Budgeting, Career Research,



Taxes, Insurance, Housing, Investing, Saving and Banking. The goal of this course is for students to develop skills to become wiser consumers to get the most out of their hard earned money. Learn strategies and gain the skills necessary to make your money work for you!

### **ASSESSMENT STRATEGIES & STUDY SKILLS**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisites: None

This course is designed to support students in developing key skills and understandings to perform strongly on classroom and standardized assessments, including the ACT (American College Test), as well as to develop routine strategies to assist with organization, maximizing learning and project management. This is an excellent offering for students seeking to better their ability to show what they have learned on tests, improve grades in their classes, as well as enhance their standardized test scores for technical school program entry, college admission and scholarships.

### **INTRO TO ENTREPRENEURSHIP (Dual Credit\*)**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None



Entrepreneurship is the art of owning and operating your own business. In this class, students will assess their entrepreneurial attitudes and ability, learn how to assess business competition, create a business, and experience all aspects of planning a new venture.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **IT ESSENTIALS I**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

IT Essentials I is intended for students who want to gain working knowledge of how computers work, how to assemble computers, and how to troubleshoot hardware and software issues and explore or pursue

careers in Information Technology. This class focuses on PC hardware and software.

### **IT ESSENTIALS II (Dual Credit\*)**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: IT Essentials I

IT Essentials II continues the learning begun in IT Essentials I. Connecting to the internet and sharing resources in a network environment are added as well as communication skills and security in the IT field.

\*Dual Credit status pending teacher certification and availability through the partner technical college



### **ACCOUNTING PRINCIPLES I (Dual Credit\*)**

Grade Level: 10, 11, 12

Credit: 1.0

Length: Full Year

Prerequisite: None



This class is an introduction to the field of accounting. Students will learn about the accounting cycle of journalizing transactions, posting, adjusting and closing entries, as well as the preparation of accounting statements as emphasized for service industries and merchandising concerns. Additional experiences include details of accounting for cash, notes and interest, and inventories. This course offers students the opportunity to earn both college credit and high school credit. This is a dual credit opportunity that is equivalent to Accounting 1-Principles (4 credits) at Madison College.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **ACCOUNTING II**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Accounting I & Instructor Approval

Prepare yourself for accounting at the postsecondary level and a career in this prosperous field. This career oriented course will help prepare those students planning to major in accounting, marketing, management, and other areas of business administration in college or technical school.

**BUSINESS LAW**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Business Law is a course for everyone. Have you ever lent something to someone (money, cd's, car, etc.) and then not gotten it back? What can you do if a salesperson talked you into a poor contract? If you are a minor, what are your rights if an employer asks you to work in violation of the Child Labor laws? Learn answers to these and other legal questions in Business Law! Topics covered: lawsuits, criminal law, contract law, employment law, rights and responsibilities of adults compared to minors

**YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credit: ½ -1

Length: semester or full year

Prerequisites: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

These programs are designed to integrate

school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or advanced standing in a post-secondary technical program. Students who register go through an application process to be accepted into the program. To be eligible, students must be in academic good standing, on track to graduate, and not have any attendance or behavior concerns. Students must also be concurrently registered in a related course each semester. Students are responsible for gaining employment in a related, relevant job. Seniors must complete their hours by August 31 of their graduation year. Employment sites must agree to pay Youth Apprentices at least minimum wage. Students must complete a minimum of 450 work hours.

Students will receive a Certificate of Occupational Proficiency from the Wisconsin Department of Workforce Development for completion of a Level 1 program.

The following areas are available:

- Business Administration
- Information Technology
- Marketing

# PERSONAL FINANCE & CAREERS

Course Name	Credit	9	10	11	12	Prerequisite
Personal Finance & Careers	½		X			None Students may delay the course with counselor permission due to scheduling restraints as applicable.

## **PERSONAL FINANCE & CAREERS**

Grade Level: 10

Credit: ½

Length: Semester

Prerequisite: None

This course empowers students with the knowledge and skills necessary to make informed and effective financial and career planning decisions.

Financial literacy among teens has been recognized by the State of Wisconsin as a necessity. This course meets the requirements of Wisconsin Act 60 ensuring that students gain essential financial literacy skills before graduation. This combined course also pairs financial literacy with career preparation as the two areas are integrally connected.

Financial literacy topics include financial mindset, education and employment, money management, saving and investing, credit and debt, and risk management and insurance. Emphasis will be placed on real-world application, including but not limited to understanding loan terms, managing credit scores, and planning for post-secondary financial needs such as college or career training.

As a part of our Academic and Career Planning model, career planning topics include tools to make informed choices about setting their post-high school career plans, identifying work preferences, accessing occupation information online and via the Xello platform, and matching student interests and strength areas to a group of occupations. All students develop a course plan for their junior and senior year that correlates to their established goals. Students will also continue to develop their Senior Portfolio that is reflective of their experiences and accomplishments that support their post-secondary career goal.

School Counselors support the instruction in the classroom to connect students to available Pupil Services supports including admission requirements to varying post-high school training options including the UW System, private colleges, technical colleges and military opportunities. Counselors also share how to access college courses or coursework while in high school, including the Early College Credit Program, Start College Now Program, Dual Credit courses, Advancement Placement classes, and independent study options.

By integrating practical activities and decision-making scenarios, the course prepares students to become responsible consumers and financially literate citizens for college, career, and life-readiness.

# EDUCATION & TEACHING

Course Name	Credit	9	10	11	12	Prerequisite
Intro to Education & Teaching - DC^	½			X	X	None
Youth Apprenticeship - Education				X	X	Intro to Education & Teaching - DC or concurrent enrollment

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

## **INTRO TO EDUCATION AND TEACHING (Dual Credit)\***

Grade Level: 11, 12

Credit: ½

Length: semester

Prerequisite: None



Students in this new class are introduced to education and teaching through practical experience in school settings, group discussions, and individual reflection. Students will explore the relationships among education, curriculum, and instruction across contexts of home, community and school; connecting school practices with philosophical perspectives of education. This course offers students the opportunity to earn both college credit and high school credit while gaining insight and learning into the field of education. This is a dual credit opportunity offered through Madison College.

\*Dual Credit status pending teacher certification and availability through the partner technical college

*This class is equivalent to Intro to Education & Teaching (3 credits) at Madison College. The Madison College course also transfers to UW Whitewater and other University of Wisconsin schools for a major in Education. Course may transfer to other colleges as well. Contact the college to learn about possible transferability.*

## **EDUCATION YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credit: ½ – 1

Length: Semester or Full Year

Prerequisite: Completed or concurrently enrolled in Intro to Education & Teaching

This program is designed to integrate school-based and work-based learning. To be eligible, students must be in academic good standing, on track to graduate, and not have any attendance or behavior concerns. Students are responsible for gaining employment in a related, relevant job. Employment sites must agree to pay Youth Apprentices at least minimum wage. Students must complete a minimum of 450 work hours. An Education/Training Agreement form must be completed.

# ENGLISH

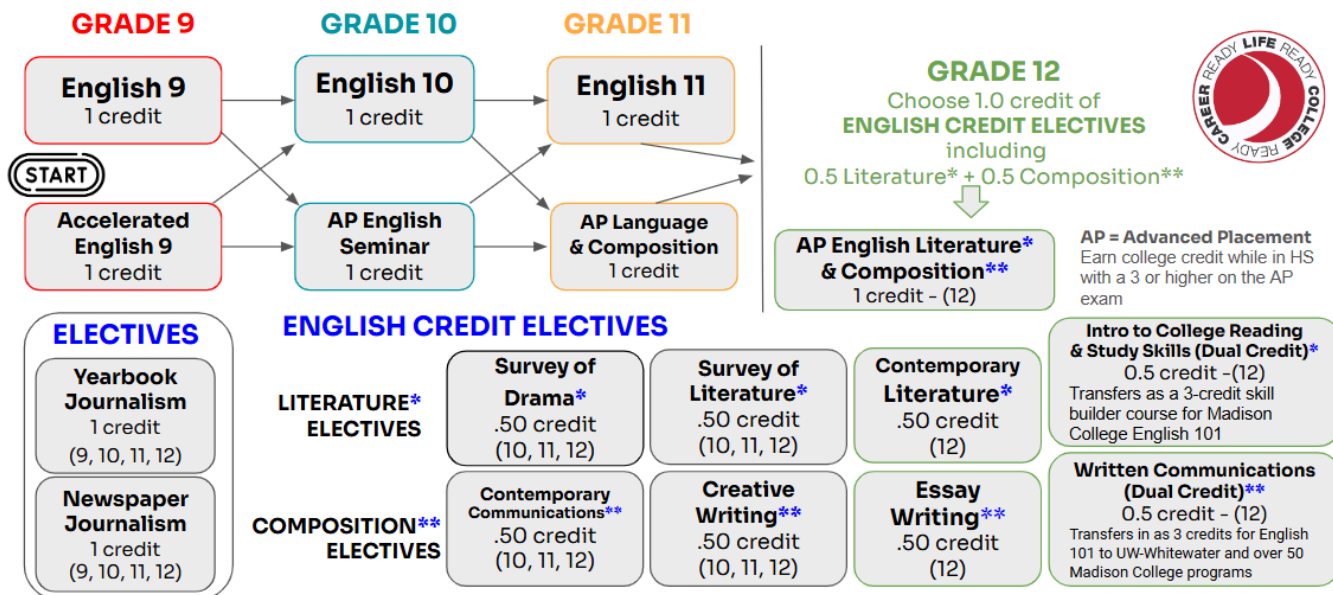
Four credits of English are required for graduation from Fort Atkinson High School. Reading and writing skills are key to all college, career and life pathways.



2025-26

## FAHS English Course Pathway

Graduation Requirement = 4 credits | 1 English credit required annually



Course Name	Credit	9	10	11	12	Prerequisite
English 9	1	X				None
Accelerated English 9	1	X				See Description Below
English 10	1		X			None
AP English Seminar	1		X			See Description Below
English 11	1			X		None
AP English Language	1			X		See Description Below
Newspaper Journalism	1	X	X	X	X	None
Yearbook Journalism	1	X	X	X	X	None
Contemporary Literature*	½				X	None
Survey of Drama*	½		X	X	X	English 9/Accelerated English 9
Contemporary Communications**	½		X	X	X	English 9/Accelerated English 9
Creative Writing**	½		X	X	X	English 9/Accelerated English 9
Essay Writing**	½				X	None
Survey of Literature*	½		X	X	X	English 9/Accelerated English 9
Intro to College Reading & Study Skills - DC*^	½				X	None
Written Communications - DC**^	½				X	None
AP English Literature* **	1				X	See Description Below

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

**Seniors are required to complete 0.5 credit of a Literature course and 0.5 credit of a Writing course.**

\* Meets senior Literature course requirement. \*\* Meets senior Composition/Writing course requirement.

## **ENGLISH 9**

Grade Level: 9

Credit: 1

Length: Full Year

Prerequisite: None

English 9 is a required core academic course aligned to the Wisconsin Standards. English Language Arts is an integrated discipline in which reading, writing, listening, speaking and language skills are developed. Throughout the year, students will be challenged to increase their proficiency within these disciplines through reading and analyzing complex texts in a variety of genres, utilizing the writing process to research and produce narrative, informative, and argumentative texts, participating in listening and speaking experiences, acquiring and applying English language conventions knowledge, and learning and using vocabulary-solving strategies. Technology is integrated into instruction to both engage learners and enhance development 21st century skills.

Because English Language Arts instruction builds an understanding of the human experience through critical thinking, problem-solving, communication, collaboration, and creativity, the curriculum is delivered through a thematic approach centered on a quarterly theme to provide a common context for learning grounded in the exploration of essential questions to acquire deeper meaning and understanding of content and literacy skills. Grade 9 quarterly themes include individuality, advocacy, balance, and risk.

## **ACCELERATED ENGLISH 9**

Grade Level: 9

Credit: 1

Length: Full Year

Prerequisite: Student is required to meet at least 2 of the following prerequisite criteria to enroll:

- Advanced on the grade 8 English Language Arts Forward Exam
- Cumulative GPA of 3.5 or higher
- Grade 8 English Language Arts quarterly grade of A for at least 3 out of 4 quarters
- If two of the three prior data points are not met, grade 8 English Language Arts Teacher and/or District Gifted and Talented Program Coordinator recommendation(s) will be considered

Accelerated English 9 includes all of the core academic standards included in English 9; however, the Accelerated English 9 course provides the additional content and rigor needed to prepare students for the AP English Seminar, AP English Language, and/or AP English Literature courses. The Accelerated English 9 course also includes the ELA content and skills required to earn an Advanced level of achievement (27 on the Reading and English exams) as defined by the ACT Career and College Readiness Framework.

Students will be challenged through reading and analyzing advanced-level texts in a variety of genres, utilizing the writing process to research and produce narrative, informative, and argumentative texts, participating in listening and speaking experiences, acquiring and applying English language conventions knowledge, and learning and using vocabulary-solving strategies. Technology is integrated into instruction to both engage learners and enhance 21st century skills. The Accelerated English 9 course incorporates a higher quantity of reading both in and outside of class time than the English 9 course and, overall, incorporates a larger percentage of classic literature identified by the College Board (AP).

The Accelerated English 9 course is taught through the same thematic approach as English 9 centering on a quarterly theme to provide a common context for learning grounded in the exploration of essential questions to acquire deeper meaning and understanding of content and literacy skills. Grade 9 quarterly themes include individuality, advocacy, balance, and risk.

## **ENGLISH 10**

Grade Level: 10

Credit: 1

Length: Full Year

Prerequisite: None

English 10 is a required core academic course aligned to the Wisconsin Standards. English Language Arts is an integrated discipline in which reading, writing, listening, speaking and language skills are developed.

Students will be challenged to increase their proficiency within these disciplines through reading and analyzing complex texts in a variety of genres, utilizing the writing process to research and produce narrative, informative, and argumentative texts, participating in listening and speaking experiences, acquiring and applying English language conventions knowledge, and learning and using vocabulary-solving strategies. Technology is integrated into instruction to both engage learners and enhance development 21st century skills.

Because English Language Arts instruction builds an understanding of the human experience through critical thinking, problem-solving, communication, collaboration, and creativity, the curriculum is delivered through a thematic approach centered on a quarterly theme to provide a common context for learning grounded in the exploration of essential questions to acquire deeper meaning and understanding of content and literacy skills. Grade 10 quarterly themes include motivation, influence, social justice, and tenacity.

### **AP ENGLISH SEMINAR**

Grade Level: 10

Credit: 1

Length: Full Year

Prerequisite: Student is required to meet at least 2 of the following prerequisite criteria to enroll:

- Score on the Grade 9 PreACT Secure Reading and English Exam at the “Advanced” Level
- Cumulative GPA of 3.5 or higher
- Accelerated English 9 or English 9 semester grade of A for at least 1 of the 2 semesters and no lower than a B either semester
- If two of the three prior data points are not met, if enrolled in English 9, English Teacher and/or District Gifted and Talented Program Coordinator recommendation(s) will be considered

AP English Seminar includes all of the core academic standards included in English 10; however, this course is recommended for students who anticipate taking AP Language and Composition and/or AP Literature and Composition as it best provides foundational knowledge and experience for those classes. In this course, students explore issues from

multiple perspectives, evaluate the strength of arguments, and make logical, fact-based decisions. Students will question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. AP Seminar is designed to develop the skills required for success in further AP courses. AP Seminar provides a project-based experience that cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. The AP English Seminar course also includes the ELA content and skills required to earn an Advanced level of achievement (27 on the Reading and English exams) as defined by the ACT Career and College Readiness Framework.

Students will be challenged through reading and analyzing advanced-level texts in a variety of genres, utilizing the writing process to research and produce narrative, informative, and argumentative texts, participating in listening and speaking experiences, acquiring and applying English language conventions knowledge, and learning and using vocabulary-solving strategies. Technology is integrated into instruction to both engage learners and enhance 21st century skills. The AP English Seminar course incorporates a higher quantity of reading both in and outside of class time than the English 10 course and, overall, incorporates a larger percentage of classic literature identified by the College Board (AP).

The AP English Seminar course is taught through the same thematic approach as English 10 centering on a quarterly theme to provide a common context for learning grounded in the exploration of essential questions to acquire deeper meaning and understanding of content and literacy skills. Grade 10 quarterly themes include motivation, influence, social justice, and tenacity.

## **ENGLISH 11**

Grade Level: 11

Credit: 1

Length: Full Year

Prerequisite: None

English 11 is a required core academic course aligned to the Common Core English Language Arts Standards. English Language Arts is an integrated discipline in which reading, writing, listening, speaking and language skills are developed. Students will be challenged to increase their proficiency within these disciplines through reading and analyzing complex texts in a variety of genres, utilizing the writing process to research and produce narrative, informative, and argumentative texts, participating in listening and speaking experiences, acquiring and applying English language conventions knowledge, and learning and using vocabulary-solving strategies. Technology is integrated into instruction to both engage learners and enhance 21st century skills.

Because English Language Arts instruction builds an understanding of the human experience through critical thinking, problem-solving, communication, collaboration, and creativity, the curriculum is delivered through a thematic approach centered on a quarterly theme to provide a common context for learning grounded in the exploration of essential questions to acquire deeper meaning and understanding of content and literacy skills. Grade 11 quarterly themes include honor and worth, sacrifice, ingenuity, and ambition.

## **AP ENGLISH LANGUAGE & COMPOSITION**

Grade Level: 11

Credit: 1

Length: Full Year

Prerequisite: Student is required to meet at least 2 of the following prerequisite criteria to enroll:

- Score on the PreACT Secure Reading and English Exam score of 45 or higher combined
- Cumulative GPA of 3.5 or higher
- AP English Seminar or English 10 semester grade of A for at least 1 of the 2 semesters and no lower than a B either semester
- If two of the three prior data points are not met, if enrolled in English 10, English Teacher and/or

District Gifted and Talented Program Coordinator recommendation(s) will be considered

AP Language and Composition includes all of the core academic standards included in English 11; however, This course is recommended for students who anticipate taking AP Literature and Composition as it best provides foundational knowledge and experience for that class. Both AP Language and Composition and AP Literature and Composition provide distinct college credits to students with successful scores.

The AP English Language and Composition course provides students with the opportunity to read rigorous texts from various eras and in different genres, analyzing the big ideas of rhetorical situations and devices, claims/evidence, reasoning/organization, and style. Students use provided texts to reach the goal of effective writing and analysis. They will read and annotate texts from a critical perspective in order to craft well-reasoned essays and personal reflections in response.

Students will also read fictional texts where rhetorical and persuasive techniques are highly demonstrated by the author through narration, structure, and character dialogue.

The AP English Language course also includes the ELA content and skills required to earn an Advanced level of achievement (27 on the Reading and English exams) as defined by the ACT Career and College Readiness Framework.

Students will be challenged through reading and analyzing advanced-level texts in a variety of genres, utilizing the writing process to research and produce narrative, informative, and argumentative texts, participating in listening and speaking experiences, acquiring and applying English language conventions knowledge, and learning and using vocabulary-solving strategies. Technology is integrated into instruction to both engage learners and enhance 21st century skills. The AP English Language course incorporates a higher quantity of reading both in and outside of class time than the English 11 course and, overall, incorporates a larger



percentage of classic literature identified by the College Board (AP).

The AP English Language course is taught through the same thematic approach as English 11 centering on a quarterly theme to provide a common context for learning grounded in the exploration of essential questions to acquire deeper meaning and understanding of content and literacy skills.

### **NEWSPAPER JOURNALISM**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

This course teaches students the importance of the press in a free society and develops skills in gathering, writing, and editing news related to high school students and staff. Members of the class, who make up the staff of the school's paper, *The Signal*, learn how to precisely and objectively construct news leads and stories, write headlines, solicit and design advertising, take, develop and crop photos for publication, lay out pages and prepare final pages for production. This course also introduces students to the fundamentals of digital media journalism with a focus on producing engaging weekly video announcements for the school community. Students will learn key skills in video production, including storyboarding, scriptwriting, on-camera presentation, and basic editing techniques. The responsibility of meeting deadlines is stressed. Students should also be prepared to spend time after school and on weekends in the production phase of the newspaper.

### **YEARBOOK JOURNALISM**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

Principles of good yearbooking are studied such as the importance of choosing and implementing a theme, planning pages, employing modern graphic design, securing photos to get the best results, and writing copy to best record a year of high school history. The importance of punctuality is made clear by the necessity of meeting deadlines. First Amendment rights and responsibilities related to the school press are also stressed. Students design pages, plan pictures and photo schedules, write copy and headlines, sell yearbooks, contact sponsors, proofread

copy and distribute yearbooks. They work together on fund-raisers to defray publishing costs. The computer is utilized in all phases of their work: writing, design and business. Students should be prepared to spend time after school and on weekends to meet deadlines.

### **CONTEMPORARY LITERATURE**

Grade Level: 12

Credit: ½

Length: Semester

Prerequisite: None

This course is designed to explore the individual within society. There is an emphasis on the genre, format, literary techniques, and power of ideas within the selected novels. Short stories and poetry may be used to foster understanding of the novels. This course requires at least twenty pages of reading nightly, and the course is taught at the college preparatory level.

### **SURVEY OF DRAMA**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: English 9 or Accelerated English 9

Survey of Drama will delve into theatrical works throughout history. From Ancient Greece to Musical Theater, from Lin Manuel Miranda to William Shakespeare, this course will provide students with opportunities to experience dramatic literature from multiple time periods and cultures. Students will engage in literary analysis, academic discussion, and hands-on interpretive projects that will allow them to fully immerse themselves in their learning.

### **CONTEMPORARY COMMUNICATIONS**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: English 9 or Accelerated English 9

This course teaches strategies that focus on career and college skills specific to written, verbal, and technology-based communication. Students will learn how to analyze, design, and write various speeches and presentations. Projects may include but are not limited to persuasive speeches, remote meetings, interviews, sales presentations, how-to videos, and podcasts.

This course will satisfy the 0.5 composition credit for

12th grade. Sophomores and juniors are eligible to take this class but must also take English 10/AP English Seminar or English 11/AP English Language at the same time.

### **CREATIVE WRITING**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: English 9 or Accelerated English 9

This college-preparatory writing class is designed for those who enjoy writing. The focus will be on developing higher-level writing skills and producing finished works. Students will be expected to work through the writing process for polished, published pieces. Writing assignments may include poetry, fiction, creative nonfiction, advertising, children's literature, and analytical writing. Students should note that this class involves sharing written work with other students and supplying feedback to other authors on a regular basis.

### **ESSAY WRITING**

Grade Level: 12

Credit: ½

Length: Semester

Prerequisite: None

This is a writing-intensive course focused on the essay format, while still developing skills in informal writing (such as journal writing and daily topics). All stages of the writing process will be discussed, examined, and expected in the students' own writing. Skills will range from vocabulary/grammar/reflective writing to research writing. The pace and deadline expectations for this class simulate a college class. This course is highly recommended for the college-bound student.

### **SURVEY OF LITERATURE**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: English 9/Accelerated English 9

This course focuses on unique and highly engaging literature topics/genres. Students will read novels, essays and short stories of a particular genre. Students will examine, evaluate, and provide literary analysis for their reading while finding real-world applications. Reading of 20 pages or more per night outside of class will be required. *The literary topics and genres will rotate every semester to meet*

### ***various student interests.***

This course will satisfy the 0.5 literature credit for 12th grade. Sophomores and juniors are eligible to take this class but must also take English 10/AP English Seminar or English 11/AP English Language at the same time.

### **WRITTEN COMMUNICATIONS (Dual Credit\*)**

Grade Level: 12

Credit: ½

Length: Semester

Prerequisite: None



This dual credit curriculum through Madison College is designed to prepare students for successful completion of English I (a college-level first-year composition course) and to introduce students to the reading and writing skills needed in most college-level classes and by many employers. The course teaches basic principles of composition (including organization, development, unit, and coherence in paragraphs and multi-paragraph documents), and various college study skills. The emphasis of the course is on developing the critical thinking, reading and writing skills needed to become successful college writers. Dual credit at Madison College is available for seniors who earn a C or better for their coursework and their semester exams. The weight of that credit is dependent upon the student's pathway through post-secondary education. This class meets the composition requirement for senior English.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **INTRODUCTION TO COLLEGE READING & STUDY SKILLS (Dual Credit\*)**

Grade Level: 12

Credit: ½

Length: Semester

Prerequisite: None



This dual credit curriculum through Madison College is designed to introduce students to the reading and study skills needed in most college-level classes and by many employers. The course teaches basic principles of composition (including organization, development, unit, and coherence in paragraphs and multi-paragraph documents), various college study skills, and college reading techniques (including identifying main ideas and supporting details, highlighting and annotating texts, summarizing, and making inferences). The emphasis of the course is on

developing the critical thinking and reading skills needed to become successful college readers. Dual credit at Madison College is available for seniors who earn a C or better for their coursework and their semester exams. The weight of that credit is dependent upon the student's pathway through post-secondary education. This class meets the literature requirement for senior English.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **AP ENGLISH LITERATURE & COMPOSITION**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: Summer reading is required. At least a "B" in AP English Language or teacher approval. Score on the Pre ACT Secure Reading and English Exam score of 51 or higher (combined) is recommended

This course is designed for the students who are seeking a challenge beyond the regular course of study. There is the possibility of obtaining college credit through the successful scoring of the AP exam near the end of the school year; students are to hold the expectation of taking the exam as part of the class. Students will engage in careful reading and in-depth analysis of various literary works. Students will be expected to have completed the summer reading individually so as to begin the year with that literature's coverage. This class meets both the composition and literature requirements for senior English.

# FAMILY AND CONSUMER EDUCATION

Course Name	Credit	9	10	11	12	Prerequisite
Introduction to Foods	½	X	X	X	X	None
World Kitchens	½	X	X	X	X	Introduction to Foods
Baking, Pastries, & Chocolatiering -DC^	½		X	X	X	Introduction to Foods and World Kitchens
ProStart I – Culinary Arts Intro. to Hospitality - DC^	1			X	X	Intro to Foods or Consent of Instructor
ProStart II - Culinary Arts/Food Service Management - DC^	1			X	X	Intro to Foods or Consent of Instructor
Creative Sewing	½	X	X	X	X	None
Fashion Analysis	½		X	X	X	None
Housing & Interior Design	½		X	X	X	None
Independent Living	½				X	None
Youth Apprenticeship Hospitality, Lodging, and Tourism	½ - 1			X	X	Concurrent enrollment in 1.0 credit of related coursework

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

## **INTRODUCTION TO FOODS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Lab Fee: \$25

This is an introductory cooking course offering students the fundamentals of food preparation for the household. Major units include safety and sanitation, nutrition, meats, fruits and vegetables, dairy and cheese, eggs, and baking. We will be in the kitchen preparing and eating food several times every week. Students may have the opportunity to receive two (2) college credits from Waukesha County Technical College. Some examples of foods prepared are: pancakes, pizza, fajitas, twice-baked potatoes, apple crisp, cinnamon rolls, soft pretzels, tacos, banana chocolate chip muffins, along with many other foods.

## **WORLD KITCHENS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Introduction to Foods

Lab Fee: \$25

Students will build upon knowledge and skills

acquired in Introduction to Foods while allowing their taste buds to travel the world. The course explores the cuisines and cultures of various countries. Learn how environmental and social influences shape people's diets while we cook and eat many of the diverse and delicious food that the culinary world has to offer.

Some examples of foods prepared are: curried chicken, enchiladas, crème brulee, chicken gumbo, homemade pasta, matzo ball soup, Thai fried rice, spring rolls, cannoli, and much more!

## **BAKING, PASTRIES, CHOCOLATIERING** **(Dual Credit\*)**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Introduction to Foods and World Kitchens

Lab Fee: \$25



Our Baking, Pastries, and Chocolatiering class will prepare you for a successful career in the baking profession and advance your skills as a home baker. We will help you build a solid foundation of baking principles and skills through the mastering of many new techniques and recipes. Students will prepare a wide variety of baked goods, pastries, and

confections. Students may have the opportunity to earn credit from Waukesha County Technical College.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **PROSTART & CULINARY I (Dual Credit\*)**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Introduction to Foods

Lab Fee: \$25



Want to impress your friends and family with your knowledge of the culinary arts? Learn about the hospitality industry, visit fine dining establishments, and work with professional chefs while preparing foods in our kitchen. ProStart 1 is a 1 credit year-long culinary program designed for those who are interested in pursuing either a career in the food service industry or pursuing post-secondary education in the hospitality and tourism field. Students who successfully complete the program can receive certification from the National Restaurant Association (NRA) which will provide them with articulated college credit or advanced standing opportunities at some 30+ colleges and universities across the United States, along with many scholarship opportunities. Students will also work toward receiving ServSafe Sanitation Management Certification through the NRA which allows the student to get their sanitation managers license through the State of Wisconsin Health Department. As part of the practical learning process, students run a catering business through the high school and participate in contests. Students interested in pursuing this class as an option should intend on gaining employment in a related field to gain full certification. Students are encouraged to enroll in the Food Service Coop or Youth Apprenticeship program concurrently if they are employed in a food service related occupation. Students may have the opportunity to receive 1 college credit from Waukesha County Technical College (WCTC).

\*Dual Credit status pending teacher certification

### **PROSTART & CULINARY II (Dual Credit\*)**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: ProStart I with a grade of C or better or Consent of Instructor

Lab Fee: \$25



This advanced level course builds upon the concepts and skills addressed in ProStart & Culinary I.

Please see the ProStart & Culinary I course description above. Students may have the opportunity to receive two (2) college credits from Waukesha County Technical College.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **CREATIVE SEWING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisites: None

This semester course is designed to provide students with the knowledge and skills necessary to sew or to enhance their current sewing knowledge and skill set. The course begins with the basics of hand sewing and use of the sewing machine and additional topics will include using patterns, textiles (weaving and knitting), seam finishes, and other construction elements. Throughout the course of the semester, students will be allowed to choose projects that appropriately showcase their skills and demonstrate their understanding of current topics. Students who enter the class with previous sewing knowledge will be encouraged to personalize their learning. Advanced sewing students may choose an area of focus, devise a plan and work independently.

### **Materials and supplies will be the responsibility of the student.**

### **FASHION ANALYSIS**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisites: None

This course is designed to introduce students to the elements and principles of design as they relate to fashion trends, past and present. Students will explore their own personal style and preferences as well as analyzing how their choices are influenced by creators, the media and celebrities. Fashion design students will create digital mood boards, window displays, and learn to sketch the croquis (fashion figure) to use for clothing design. They will study and analyze fabric, fashion promotion, garments, accessories and contemplate sustainability and eco-friendly options. Creativity, self-expression and identifying sources of design inspiration are major components of the course.

## **HOUSING AND INTERIOR DESIGN**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisites: None

In this course students will discover how science and art blend together in the world of interior design and architecture. Design students will develop their digital design skills (CAD), and get experience in creating floor plans, elevation plans, and mood boards. This semester-long course provides opportunities to deepen understanding of the elements and principles of design through a variety of assignments, and hands-on projects. During their exploratory work, students will discover how the basic architectural principles (structural sound, function, and aesthetics) are essential to building construction. Studies will include the trends and benefits of upcycling. Students will study color, furniture and home trends and learn how consumer needs and history influence designer decisions.

## **INDEPENDENT LIVING**

Grade Level: 12

Credit: ½

Length: semester

Prerequisite: None

The Independent Living course provides students opportunities to develop the essential skills necessary to address life's challenges as they enter and proceed through adulthood. Course topics will focus on developing: social and emotional growth, interpersonal skills, budgeting and personal finance, career exploration, consumerism, health and wellness habits, housing options, transportation, environmental responsibilities and community service. Through a variety of activities students will develop independent living skills and essential skills to help with personal and work relationships, to cultivate a deeper understanding of self, and to take responsibility for personal success in life.

## **YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credit: ½ -1

Length: ½ - full year

Prerequisites: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

These programs are designed to integrate school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or advanced standing in a post-secondary technical program. Students who register go through an application process to be accepted into the program. To be eligible, students must be in academic good standing, on track to graduate, and not have any attendance or behavior concerns. Students must also be concurrently registered in a related course each semester. Students are responsible for gaining employment in a related, relevant job. Seniors must complete their hours by August 31 of their graduation year. Employment sites must agree to pay Youth Apprentices at least minimum wage. Students must complete a minimum of 450 work hours.

Students will receive a Certificate of Occupational Proficiency from the Wisconsin Department of Workforce Development for completion of a Level 1 program.

The following areas are available:

### **Health Science**

- Therapeutic Services (Nursing Assistant, Pharmacy Technician, Dental Assistant, Resident Aide),
- Health Informatics (Assistant Medical Office)
- Ambulatory/Support Services (Phlebotomist, Dietary Aide, etc.)

### **Hospitality and Tourism**

The Pathways identified are:

- Restaurant & Food/Beverage Services
- Lodging Pathway (Front Desk, Housekeeping)
- Travel and Tourism

# HIGH SCHOOL INDEPENDENT STUDIES GUIDELINES

## The Independent Studies program is structured:

1. To provide experiences for high school students which will reach beyond the regular high school curriculum.
2. To aid individuals to develop their self-discipline as fully as possible, emphasizing the factors of independent creative inquiry.
3. To develop a proper attitude toward and respect for learning.
4. To develop the skill of problem solving.

## The Independent Studies Program Guidelines:

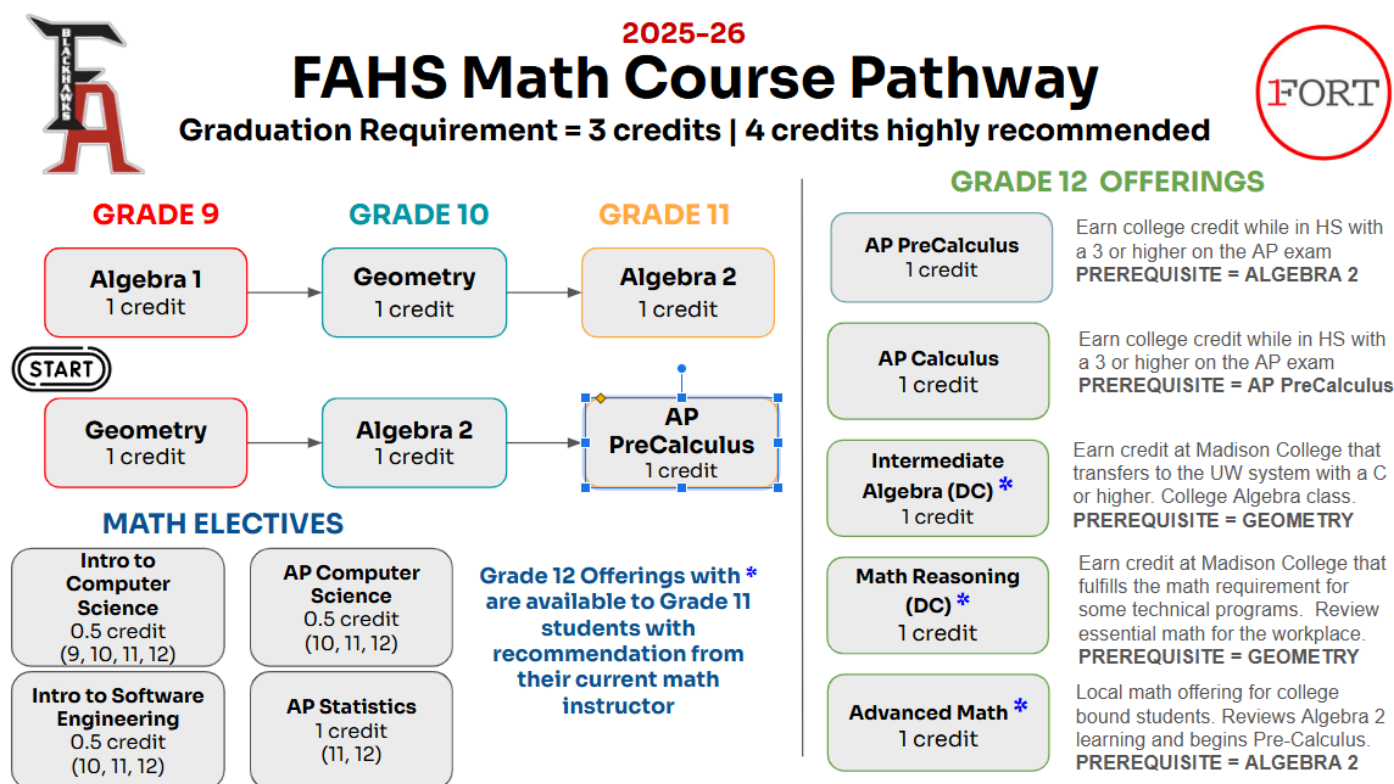
1. Students complete an Independent Study Application (found in the Pupil Services Office) with their teacher at the beginning of the semester.
2. The completed application form (including outline, objectives, time allocation, supervision schedule, and method of evaluation) must be turned in to the office by the end of the first week of the semester in which the Independent Study is to be undertaken.
3. The student should demonstrate exceptional interest in the subject area in which the Independent Studies project is to be undertaken.
4. Course work in the subject area already offered through the high school curriculum must have been completed prior to the beginning of the Independent Studies project.
5. Independent Studies projects should not duplicate or replace courses available through the regular curriculum. The exception to this would be in extreme cases, and with prior approval, to take an existing course as an independent study due to a schedule conflict.
6. The credit will be granted at the end of the semester upon successful completion of all agreed upon components of the Independent Study.

# MATHEMATICS

Today's students, in planning their future, must carefully consider the courses they should take in mathematics. This country and its way of life demand that a large percent of its successful citizens know and understand mathematics as it is applied to today's increasing technology.

Three credits of math are required for graduation from FAHS. One of these credits must be from successful completion of Algebra 1. Four year colleges have a minimum requirement of successful completion of Algebra 2 and highly recommend four years of high school math. The aim of courses beyond Algebra 1 is to lay a strong foundation for students who will be attending a four year college or technical school. AP Calculus, AP Computer Science, and AP Statistics are offered for those students wishing to take advanced placement courses. Math Reasoning - DC and Intermediate Algebra - DC are dual credit with Madison College, and can satisfy degree requirements for certain programs at that college. The credit can also transfer to other colleges.

Computer Science courses are also offered in the Math Department as an elective. CS1 and CS2 can count towards math credit for graduation purposes. Most four year colleges accept Computer Science and AP Statistics as an elective credit, not a math credit..





Course Name	Credit	9	10	11	12	Prerequisite
Algebra I	1	X	X	X		None
Geometry	1	X	X	X	X	Algebra I
Algebra II	1		X	X	X	Geometry
AP Pre-Calculus	1			X	X	Algebra II
AP Calculus AB	1				X	AP-Pre-Calculus
Advanced Math	1			X	X	Algebra II or Intermediate Algebra - DC
Math Reasoning - DC^	1				X	Geometry
Intermediate Algebra - DC^	1			X	X	Geometry
AP Statistics	1			X	X	Algebra II
Intro to Computer Science	½	X	X	X	X	Algebra I
AP Computer Science A	1			X	X	Intro to Computer Science
Software Engineering	½		X	X	X	Intro to Computer Science

*Instructor recommendation required if a student is missing prerequisite course completion.*

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

## **ALGEBRA I**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

Students will strengthen their algebraic skills that will be the foundation of their future mathematical studies. Students will engage in problem-based lessons structured around a core idea. Guided by the teacher, students will interact in groups to foster mathematical discourse. Practice with concepts will be spaced over time and mastery comes as the course progresses. Concepts include: Functions, Linear Relationships, Simplifying and Solving Equations, Sequences, Modeling 2-Variable Data, and Inequalities. Students who have successfully completed Algebra 1 should take Geometry as the next course.

## **GEOMETRY**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Successful completion of Algebra 1

Students will engage in problem-based lessons structured around a core idea. Guided by the teacher, students will interact in groups to foster mathematical discourse. Practice with concepts will be spaced over

time and mastery comes as the course progresses. Concepts include: Shapes and Transformations, Angles and Measurement, Justification and Similarity, Trigonometry and Probability, Congruent Triangles, Proof and Quadrilaterals, Polygons, Circles, Solids and Constructions. Students who have successfully completed Geometry should take Algebra 2 as the next course.

## **ALGEBRA II**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Successful completion of Geometry

This course continues the study of Algebra. Four year colleges and many technical schools require the completion of Algebra II. Students will engage in problem-based lesson structured around a core idea. Guided by the teacher, students will interact in groups to foster mathematical discourse. Practice with concepts will be spaced over time and master comes as the course progresses. Topics include: Functions, Transformations, Solving Equations and Intersections, Inverses, Logarithms, Trigonometry, Polynomials, Normal Distributions, Sequences and Series, Exponential Functions, Probability and Statistics. Students who are successful in Algebra II should consider taking Pre-Calculus. Those students not considering Pre-Calculus could continue to

strengthen their math skills by enrolling in Advanced Math or Elementary Algebra.

***4-year colleges require students to minimally complete 3 years of high school math, including Algebra II.***

### **MATH REASONING (Dual Credit\*)**

Grade Level: 12

Credit: 1

Length: Year

Prerequisite: Successful completion of Geometry



This course focuses on a handful of highly-relevant topics to develop the deep level of understanding needed to use numbers when making and defending decisions. “Should my business hire another worker or lay someone off? Which car should I buy? Was I overcharged? What is that deceptive political ad really saying? Is that policy fair?” Expect to brainstorm, discuss, critique, and evaluate. Students will write, speak, and present much more than in a traditional math course.

This course teaches students 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 tools that support the use of key mathematical concepts in a variety of contexts. This course satisfies the math requirement for many 2-year applied programs at Madison College. This course does NOT meet math requirements for Science, Technology, Engineering, Medical, or Math programs at Madison College or Madison College bachelor’s degree transfer programs.

Dual Credit: Completing this class with a C or better (following the dual credit guidelines) allows you to earn credit at Madison College for this course.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **INTERMEDIATE ALGEBRA (Dual Credit\*)**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Successful completion of Geometry



Intermediate Algebra studies the construction and

resulting properties of the real number system. Students simplify and factor algebraic expressions using fundamental laws and order of operations, solve first and second degree equations and inequalities in one variable, solve exponential and logarithmic equations, graph first degree and second degree equations and inequalities in two variables, solve 2x2 and 3x3 systems of equations, simplify and solve equations involving rational expressions, and simplify and solve equations involving fractional exponents and radicals. Students are introduced to linear, quadratic, square root, absolute value, exponential, and logarithmic functions. The basic definitions of functions, relations, one-to-one functions, and inverses are discussed along with the algebra and composition of functions.

This course is equivalent to Intermediate Algebra with Apps at Madison College. This course satisfies the math requirement for many 2-year programs at Madison College including a partial requirement for Madison College’s bachelor’s degree transfer program.

Dual Credit: Completing this class with a C or better (following the dual credit guidelines) allows you to earn credit at Madison College for this course.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **ADVANCED MATH**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Successful completion of Algebra II or Intermediate Algebra - DC

Students who wish to continue their study of mathematics but do not wish to take Pre-Calculus have the option of taking Advanced Math. Students will work with a wide variety of topics necessary to prepare themselves for post secondary schooling. This class will use the graphing calculator to explore and enhance the understanding of mathematical relationships and concepts. Topics will include: Number Systems and Set Theory; Solving Equations, Inequalities, Matrices; Functions, and the nature of their graphs, trigonometry; probability and statistics; analytic geometry; parametric equations and vectors; polar coordinates; exponential and logarithmic functions; sequences and series; and limits. The course work will include assignments, problem sets, quizzes, tests, and projects. A TI-84 calculator is required for this course.

### **AP PRE-CALCULUS**

Grade Level: 11, 12    Credit: 1

Length: Full Year    Prerequisite: Successful completion of Algebra II (with an “A” or “B”)

And consent of the instructor.

This course is intended to prepare students for Calculus. Students will study real numbers and complex numbers. Expanded skills will include vector algebra, functions including exponential and logarithmic functions, the need and use of the complex number, mathematical induction, circular trig functions and graphs, and the beginning of Calculus. Assignments, problem sets, quizzes, tests, use of calculators in graphing and problem solving, use of tables for trigonometry and logarithms. This course is required for AP Calculus. A TI-83+ or TI-84 calculator is required for this course.

### **AP CALCULUS AB**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: Successful completion of Precalculus (with an A or B)

And the consent of the instructor

Students who take this course will be prepared to take the Advanced Placement Calculus AB test. The course reviews and uses major concepts of Algebra, Geometry, Analytic Geometry, Trigonometry, and functions. The two major topics are differential and integral Calculus. These allow students to analyze functions, solve related rate problems, find areas and volumes of two and three dimensional Geometry. A TI-84+ calculator is required for this course.

### **AP STATISTICS**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Successful completion of Algebra II and consent of instructor

Students who take this course will be prepared to take the Statistics Advanced Placement Exam. Anyone who has an interest in a career in the sciences, engineering, nursing, or the social sciences such as psychology should take this course. It will provide background and study methods to interpret and better understand data. This is a college level course built around four main topics: exploring data, planning a

study, probability as foundation for the procedures of statistics, and inferential reasoning. Students enrolled in AP courses may be asked to purchase AP study guide materials at the student’s cost. The course will include assignments, labs, tests, methods to develop data, and working with samples from a population and a research project. A TI-84 calculator is required for this course.

### **INTRO TO COMPUTER SCIENCE**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Must have completed Algebra I

Intro to Computer Science provides high school students with a foundation in computer science concepts and basic programming skills. Students will learn how computers process information, explore problem-solving strategies, and practice coding in a beginner-friendly language. The course also covers the fundamentals of computational thinking, enabling students to approach problems methodically and design efficient solutions. By the end of the course, students will be equipped with the skills needed for more advanced computer science studies and a strong foundation in the principles of programming. No prior experience or tech savviness is required; this course is open to all students interested in exploring the field of computer science.

### **AP COMPUTER SCIENCE A**

Grade Level: 10, 11, 12

Credit: 1

Length: Year

Prerequisite: A grade of ‘C’ or better in Intro to Computer Science

This course will follow the AP College Board outline to prepare the student for the Advanced Placement Computer Science A exam. This is an advanced course in Java coding in which students will become fluent in programming. If you plan on becoming an engineer or work in any technical field, it is highly recommended that you take AP Computer Science. NOTE: Students who take this course and pass the AP Computer Science exam with a 3 or higher automatically receive \$1000 the Ed Karrels APCS Scholarship. Students do not need to be majoring in Computer Science to receive the scholarship.

This course earns elective credit, not math credit.

## **SOFTWARE ENGINEERING**

Grade Level: 10, 11, 12

Credit: 1

Length: Year

Prerequisite: Intro to Computer Science

Intro to Software Engineering introduces students to the fundamental principles and practices of software development beyond basic programming. Students will explore the software development life cycle, version control, software design, testing, and project management, gaining hands-on experience through collaborative projects. By the end of the course, students will understand how to plan, build, test, and manage software projects in team settings, preparing them for further studies in technology or entry-level roles in the field. Completion of the Intro to Computer Science course or prior programming experience is required.

# MUSIC

Course Name	Credit	9	10	11	12	Prerequisite
Concert Choir	1	X	X	X	X	None
Chamber Chorale	1		X	X	X	Instructor Approval
South High Street Singers/Lexington Singers	1	X	X	X	X	Students must either have taken the 8th grade choir course or a FAHS concert choir course or take formal voice lessons /Audition required
Concert Band	1	X	X	X	X	None
Orchestra	1	X	X	X	X	None
Jazz Messengers	1	X	X	X	X	Students must either have taken part in the 8th Grade Co-Curricular Jazz Ensemble or have taken one year of high school concert band.
Jazz Ambassadors	1			X	X	Instructor Approval
Music Theory & Composition	½			X	X	None
Intro to Guitar	½	X	X	X	X	None
Musical Theater & Small Ensemble	1		X	X	X	None

**Performances and concerts are considered a natural outgrowth of the curriculum and are required as a part of the final grade in all music course offerings.**

**For students who rent an instrument from the school district, the \$100 instrument rental fee will be charged through PowerSchool Registration in August.**

## **CONCERT BAND**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year Prerequisite: None

Concert Band studies and performs a variety of music that is a multifaceted representation of styles and periods. Students are encouraged to expand their musical horizons. Band begins with summer marching band taking place during summer school. Please make it a point to enroll in summer school prior to the end of the current academic year. The school year will begin with marching band, which is a required part of the class and after about a quarter will transition quickly into the concert band setting. The Concert Band will be divided into two ensembles.

The Wind Ensemble is intended for a more mature experienced musician ready for a deeper layer of

musical intelligence. The Symphonic Band is intended for younger musicians looking to add upon and expand their musical vocabulary. Individual improvement and musical growth will be stressed as a part of the class. Instrumentation: Piccolo, Flute, Oboe, Bassoon, Clarinet, Bass Clarinet, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Trumpet, Horn, Trombone, Euphonium, Tuba, String Bass, and Percussion.

## **JAZZ MESSENGERS**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Students must either have taken part in the 8th Grade Co-Curricular Jazz Ensemble or have taken one year of high school concert band.

Jazz Messengers is the entry level jazz ensemble at

Fort Atkinson. It is recommended for all Freshman and Sophomores interested in Jazz. This class is open to all interested instrumental music students. The course of study will encompass learning and performing the various styles of Jazz and World music as well as an emphasis on improvisation and composition. Instrumentation: Percussion, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Trumpet, Trombone, Piano, String Bass, Guitar & Percussion.

### **JAZZ AMBASSADORS**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Permission of Instructor/Audition

The Jazz Ambassadors strive to reach a deeper level of musical connection through improvisation and extended jazz techniques. Jazz Ambassadors is designed for more experienced students and requires instructor's approval. The course of study will encompass learning and performing various styles of Jazz and World music as well as an emphasis on improvisation and composition. Instrumentation: Percussion, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Trumpet, Trombone, Piano, String Bass, Guitar & Percussion.

### **ORCHESTRA**

Grade Level: 9,10,11,12

Credit: 1

Length: Full Year Prerequisite: None

Prerequisite: Permission of Instructor/Audition

The Orchestra offers opportunities to study and to perform a variety of musical literature of intermediate and advanced levels. The focus of the Orchestra will be to refine existing skills and to develop mature performance skills while gaining a broad musicianship. In addition to performing, Orchestra students will explore a variety of music periods and styles, music history and theory, composing, conducting, and aural skills-components that will add to the understanding, appreciation, and enjoyment of music. There are two sections, Philharmonic Orchestra and Symphony Orchestra, each designed to meet the needs of every student musician.

### **CONCERT CHOIR**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

The Blackhawk Chorale performs music from all periods of music history stressing that of the major choral composers. The focus of Blackhawk Chorale will be to refine existing skills and to develop mature performance skills while gaining a broad musicianship. The choir participates in special observation days and concert events as well as solo-ensemble festivals at the district and state levels.

### **CHAMBER CHORALE**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Permission of Instructor/Audition

The Chamber Chorale, is an advanced ensemble with its requirements of interest and excellence in the performance of music of all types, performs music from all periods of music. The focus of Chamber Chorale will be to refine existing skills and to develop mature performance skills while gaining a broad musicianship. Individual improvement will be stressed. Performance participation and evidence of learning regarding aspects of music theory are assessed as part of the final grade.

### **MUSICAL THEATER & SMALL ENSEMBLE**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisites: None

This course is designed for students who are looking to explore solo/small group musical theater vocal performance. We will learn musical theater vocal technique, delve into analysis of music and lyrics, and practice communicating truthful, authentic choices based on the analysis. Students will also study musical theater as a historical topic, including shows and composers, as well as the cultural impacts of the art form.

### **SOUTH HIGH STREET SINGERS/LEXINGTON SINGERS**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Students must either have taken the 8th grade choir course or a FAHS concert choir course or take formal voice lessons. Audition required.

The South High Street Singers and Lexington Singers are vocal ensembles with a special emphasis on performance. The purpose of this organization is to fulfill the needs for those students who desire and thrive on challenge, for those whose more advanced vocal ability requires a more advanced group to increase personal achievement, for those who desire a richer and varied musical experience beyond regular concert choir literature. South High Street Singers participate in a number of performances and competitions throughout the year and are a requirement towards the grade in this class. Lexington Singers emphasis is on performance. Exposure to contemporary forms of music is the course of study for both Show Choirs. Styles of dance are also incorporated in the class. Students who are new to show choir must either have taken the 8th grade choir course or a FAHS concert choir course as a prerequisite to joining a show choir to assure vocal fundamentals are sound.

Students are responsible for a \$300 fee which is due the day of auditions. Other expenses include overnight trips which are for members of the South High Street Singers, combo and crew members. Some rehearsals are scheduled outside the regular school day and are required.

### **INTRO TO GUITAR**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisites: None

Introduction to Guitar is a course designed for students who want to learn a new instrument that does not fit the traditional band/orchestra mold. This is a beginning guitar class. Students will play guitar every day. In addition you will learn how to tune a guitar, how to read music, get started with basic equipment, read chords, engage in an introduction to music theory, and play folk and modern music both as a melody and an accompaniment.

Students may use their own guitar, or for students needing a guitar, purchasing/ financing options will be available.

### **MUSIC THEORY & COMPOSITION**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

A course emphasizing the learning and understanding of the fundamentals of music composition and structure. Included in the course are units on basic and advanced music theory. Composition using computer technology and MIDI concepts will be utilized in the second half of the semester.

# PHYSICAL EDUCATION

Physical Education is required freshman, sophomore, and junior years in order to meet the Department of Public Instruction standard of 1.5 credits of physical education earned over three separate years during high school. Physical Education is not required for senior year, however, it can be taken as an elective that year or to make up for a missed previous year of high school physical education.

Course Name	Credit	9	10	11	12	Prerequisite
Wellness	½	X	X	X	X	None
Competitive games	½	X	X	X	X	None
Advanced Strength Training & Conditioning	½	X	X	X	X	None
Health: Relationships & Wellness				X		None
Lifeguard Training	½		X	X	X	Instructor consent
Sports Officiating	½			X	X	10th grade w/ instructor approval
Unified Physical Education	½	X	X	X	X	Instructor approval

## COMPETITIVE GAMES PHYSICAL EDUCATION

Grade Level: 9, 10, 11, 12

Credit ½

Length: Semester

Prerequisite: None

This course is designed to cover all areas of physical education and place an emphasis on competitive games. Students will also engage in fitness activities, team sports, individual sports, and aquatics. Students will have a strong understanding of how movement in a variety of areas will lead to a healthy lifestyle.

Students will engage in Fitness related activities throughout the course. This will consist of activities, games, workouts, etc. that will focus on cardiovascular fitness focusing on a student's individual target heart rate working in the heart healthy, fitness, and aerobic zone. Students will achieve this through the use of technology. Example: Students will be using heart rate bands (IHT Band) to track their movement and heart rate.

## WELLNESS PHYSICAL EDUCATION

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

This course will allow students to experience new and current exercise based activities that include: Yoga, Pilates, biking, step aerobics, water fitness, tone and sculpting, heart rate based exercise activities, and interval training. Students will participate in different fitness activities that will help them reach personal goals. Students will analyze their health and fitness needs, experience techniques to better manage their stress and design a personal fitness program to meet their goals. Students will ultimately demonstrate the importance of living a healthy lifestyle. Each student will utilize an IHT HR monitor to gather HR data daily during their respective class. The data will be analyzed over the course of the semester to help students know how to move in and out of various HR ranges.



### **ADVANCED STRENGTH AND CONDITIONING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

This is a ground based movement course designed to meet the need for a higher level of development within human performance. This course will feature highly structured workouts with regard to workout intensity and exercise frequency. Explosiveness training and speed improvements will be included in this course.

**Freshmen prerequisite** - Participate in Summer Speed, Strength, & Conditioning course or Instructor approval

### **HEALTH: RELATIONSHIPS & WELLNESS**

Grade Level: 11

Credit: ½

Length: Semester

Prerequisite: None

Health is a semester long required course for juniors. During the course students will be reflecting on a variety of topics and how their choices either increase or decrease their risk when trying to protect the things in their life that are most important to them. The course is divided into the following topic areas: first aid/CPR, nutrition/fitness, alcohol, tobacco/vaping and other drugs, destructive decision making, relationships and human growth and development. At the conclusion of this course students should have reliable information that would enable them to make choices towards a healthy lifestyle now and in the future.

### **LIFEGUARD TRAINING**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Instructor consent

This course is designed for those students who would like to become a certified American Red Cross lifeguard. Students will be certified as a professional rescuer, AED provider, and a lifeguard with current First Aid. Students must be able to pass a swim test, water tread, and brick retrieve to successfully be placed into the course. The cost of the course is \$128

for a textbook, mask, and other materials. This class counts towards the Physical Education graduation requirement. Students must gain instructor's consent to be placed in the course.

### **SPORTS OFFICIATING**

Grade Level: 11, 12 (10 with instructor approval)

Credit: ½

Length: Semester

Prerequisite: None

Sports Officiating is a Physical Education Elective course that focuses on personal leadership, personality traits, conflict resolution, First Aid/CPR training, and the philosophy of being an official, umpire, and/or referee for athletic contests. This course will cover WIAA certifications for one sport of the student's choosing per season (fall/winter/spring). Each student will become certified and take the WIAA Sports Officiating Exam for these sports. In addition, students will participate in class discussions and read and discuss articles on being an official/referee/umpire, coach, player, and spectator/fan. This course does not count towards the graduation requirement for Physical Education.

### **UNIFIED PHYSICAL EDUCATION**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Instructor consent

Unified Physical Education provides a unique opportunity for students with and without disabilities to come together through ongoing educational and physical activities. The Unified Physical Education course is structured around the national physical education standards and grade-level outcomes, which includes gaining the knowledge and skills necessary to maintain a health-enhancing level of fitness. Unified Physical Education can be a gateway for those wanting to participate and/or assist in Special Olympic programs and events.

Qualified students will be selected by the Physical Education Teacher based on meeting the expectations required to be a peer mentor and Unified student. Unified students will be paired with a peer mentor or teacher's aide in a 1 on 1 role to help guide, support, and mentor their selected Unified student.

# SCIENCE

Course Name	Credit	9	10	11	12	Prerequisite
<b>REQUIRED SCIENCE FOUNDATIONS COURSES for ALL STUDENTS</b>						
Chemistry I	½	X				None
Physics I	½	X				None
Biology I	½	*	X			Chemistry I & Physics I
Earth Science I	½	*	X			Chemistry I & Physics I
*Concurrent grade 9 enrollment is permissible with freshman courses to accelerate access to advanced science coursework.						
<b>BIOLOGY OFFERINGS</b>						
Genetics	½		*	X	X	Biology I and Cell Biology, but can be taken concurrently
Cell Biology	½		*	X	X	Biology I recommended , but can be taken concurrently
Biotechnology	½			X	X	Biology I, Chemistry II, & Genetics recommended, but can be taken concurrently
Human Anatomy & Physiology	1			X	X	Biology I & either Cell Biology or Genetics. Cell Biology is recommended over Genetics. Chemistry II is recommended.
AP Biology	1			X	X	Biology I, Genetics and Chemistry II Required Cell Biology and Accelerated Chemistry II Recommended. Instructor Recommendation Required if Missing Prerequisite(s)
*Concurrent enrollment with required Grade 10 courses permissible to accelerate access to advanced science coursework.						
<b>CHEMISTRY OFFERINGS</b>						
Chemistry II	1		X	X	X	Chemistry I
Accelerated Chemistry II	1		X	X	X	Chemistry I
AP Chemistry	1			X	X	Accelerated Chemistry II OR Instructor Recommendation
<b>EARTH SCIENCE OFFERINGS</b>						
Astronomy	½		X	X	X	None
Geology	½		X	X	X	None
<b>ENVIRONMENTAL SCIENCE OFFERINGS</b>						
Ecology	½		X	X	X	None
AP Environmental Science	1			X	X	Completion of required 9th and 10th grade science classes Chemistry II recommended
<b>PHYSICS OFFERINGS</b>						
Physics II	1			X	X	Physics I and Algebra II required
Practical Physics	1		X	X	X	Physics I required
AP Physics C - Electricity & Magnetism	1			X	X	Physics I and Physics II required Instructor recommendation required if missing prerequisite(s)

SPECIAL OFFERINGS						
Medical Occupations	½		*	X	X	Biology I
Electronics	1		X	X	X	Algebra I Recommended
Youth Apprenticeship Health Science	1			X	X	1.0 credit related coursework during enrollment in Youth Apprenticeship

## ***REQUIRED SCIENCE FOUNDATIONS COURSES FOR ALL STUDENTS***

### **CHEMISTRY I**

Grade Level: 9

Credit: ½

Length: Semester

Prerequisite: None

Chemistry I is a required 1 semester science course that provides foundational learning in chemistry. Students in this course will deepen and advance skills in data collection and reporting as well as making scientific observations. Units in the study of matter, atomic theory, and chemical reactions will be provided to prepare students for future chemistry coursework.

### **PHYSICS I**

Grade Level: 9

Credit: ½

Length: Semester

Prerequisite: None

Physics I is a required 1 semester science course. Content covered during the semester will include number sense and reporting in laboratory settings. Study will be provided in the area of kinetics including speed, velocity and acceleration, conservation laws of mechanical energy and momentum and the study of waves. This course will provide the foundational learning for future physics coursework.

### **BIOLOGY I**

Grade Level: 9 or 10

Credit: ½

Length: Semester

Prerequisite: None

Biology I is a required 1 semester science course. Biology is the study of life in all its wondrous forms and interconnections. This course provides the foundational learning in biological sciences that will prepare students for future courses and life as a scientifically literate member of society. In this course, students will develop an understanding of the essence of life including how earth developed its great biodiversity, how life obtains and uses energy, and how life maintains the delicate and awe inspiring balance that is nature. This course may be taken during the freshman year with Physics I and Chemistry I to allow students to progress to upper level science classes faster..

### **EARTH SCIENCE I**

Grade Level: 9 or 10

Credit: ½

Length: Semester

Prerequisite: None

Earth Science I is a required 1 semester science course. Content covered during the semester will focus on the large-scale interactions between the geosphere, atmosphere, hydrosphere and humans. Students will learn how life and earth systems are connected to one another and the importance of sustainable use of natural resources. Special attention will be paid to the carbon cycle and its role in climate change. This course may be taken during the freshman year with Physics I and Chemistry I to allow students to progress to upper level science classes faster.

## ***BIOLOGY OFFERINGS***

### **CELL BIOLOGY**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Biology 1

Cell Biology is a 1 semester elective course. We will dive deep into the study of cell structure, function and communication. We will relate cell function to various body systems including the immune system and infectious diseases. We will also explore comparative anatomy and systems through multiple dissections. For students planning to attend a four-year college, it is highly recommended to take at least one semester of high school biology beyond the Biology I course.

### **GENETICS**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Biology I and Cell Biology

Genetics is a 1 semester elective science course. This is one of the most important branches in modern biology. This course will delve into the structure of DNA, how it is able to be passed on to new cells, control heredity, and contribute to evolution on a molecular level. We will also discover the mechanisms that allow it to control how we grow and develop in our own lifetime and over the countless generations of life that came before us. For students planning to attend a four-year college, it is highly recommended to take at least one semester of high school biology beyond the Biology I course.

### **BIOTECHNOLOGY**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: Biology I, Chemistry II, and Genetics (may be taken concurrently but recommended to be completed prior to enrollment)

This course covers basic concepts and techniques necessary to work in a biotechnology laboratory

setting. It will give students an awareness of career opportunities and the skills needed for careers in biotechnology. The laboratory work will introduce students to proper laboratory techniques and the operation of instruments used in biotechnology labs. Career choices for students taking this class might be: biotechnology, lab technician in a crime lab or agribusiness corporation, technician at a research lab, or a pharmaceutical corporation. Labs could include: Restriction Enzyme Analysis, Electrophoresis, Purification of DNA, Transformation, Polymerase Chain Reaction PCR.

### **HUMAN ANATOMY AND PHYSIOLOGY**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Biology I AND either Cell Biology OR Genetics (Cell Biology is recommended over Genetics)

Chemistry II Recommended

In this course we will delve into the mysteries of the human body and develop a deep appreciation for and understanding of how our bodies work. We will explore the structures of the human body; their names, locations and how they work together. As we work through all 11 body systems we will investigate how the structures and chemicals of the body function to maintain our existence. This course is highly recommended for students interested in going into any biological science, any medical/health career, veterinary services, or who just enjoy the subject. This course is great preparation for both those going on to a 2-year program such as Madison College (MATC) or another 4-year college. This course involves many hands of experiments, dissections, and bioengineering.

### **ADVANCED PLACEMENT BIOLOGY**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite:

Biology I, Genetics, and Chemistry II Required  
Cell Biology and Accelerated Chemistry II Recommended.

The Advanced Placement course is equivalent to an introductory college Biology course for Science majors. The course is designed to be taken by students with a special interest and high motivation for an in-depth study of the biological sciences. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills to deal critically with the rapidly changing science of Biology. This course requires a high level of preparation and a commitment to excellence. Students who are not prepared for a rigorous course should not take Advanced Placement Biology. This course will involve more time and effort than other courses, the textbook is an advanced one, and good reading skills are required. Students are expected to take the Advanced Placement Exam at the conclusion of the course. Students will be responsible for the cost of the exam. Fee waivers are available for students who qualify for free/reduced lunch.

### ***CHEMISTRY OFFERINGS***

#### **CHEMISTRY II**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Chemistry I

Chemistry is the branch of science which investigates the composition of matter, the reactions that occur, the energy changes which take place and the theories which govern them. An understanding of chemistry can help you better understand how products we use everyday are made and how they work - everything from antacid tablets to gasoline. This course is intended for students planning to attend a four-year college. It is highly recommended to take at least one year of high school chemistry.

#### **ACCELERATED CHEMISTRY II**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Chemistry I

Accelerated Chemistry II has the same core content as Chemistry II. Student's will be challenged by the

course's faster pace and independent nature aligned to preparation for AP Chemistry. Learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions. You'll do hands-on lab investigations and use chemical calculations to solve problems.

Those individuals who intend to further their education beyond high school should give consideration to enrollment in Accelerated Chemistry II, especially those whose interests lie in the fields of nursing, engineering, teaching, medicine, pharmacy, metallurgy, genetic research, agriculture, etc.

For students planning to attend a four-year college, it is highly recommended to take at least one year of high school chemistry beyond the Chemistry I course. This course is a prerequisite for AP Chemistry and strongly recommended for AP Biology.

#### **ADVANCED PLACEMENT CHEMISTRY**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Chemistry II OR Accelerated Chemistry II

Challenge yourself by taking a college level chemistry course while still in high school. Learn about the fundamental concepts of advanced chemistry including structure and states of matter, intermolecular forces, and reactions in this rigorous course. You'll do complex hands-on lab investigations and use chemical calculations to solve advanced scientific problems.

For students planning to attend a four-year college, successful completion of this course, including a score of 3 or higher on the AP Chemistry exam may result in the awarding of college credit within postsecondary college or university programming. This course is aligned to the AP Chemistry course as outlined by the College Board.

## ***EARTH SCIENCE OFFERINGS***

### **ASTRONOMY**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Astronomy is a 1 semester elective science course. The first part of the course will focus attention on our Solar System. Students will learn about Kepler's 3 Laws of Planetary Motion, Earth-Moon-Sun geometry, characteristics of the Solar System, and how our Sun produces energy. The second half of the course will look at different classes of stars in the universe, how stars change over time, our changing model of the universe, and the Big Bang model.

### **GEOLOGY**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Geology is a 1 semester elective science course. Students will learn how the major geologic forces have shaped Earth and society. Class time will be spent in the lab learning how to classify earth materials and exploring how we can use data from earth materials to determine how the Earth has changed over time. Course time will be devoted to analyzing how the availability of earth resources has impacted human society.

## ***ENVIRONMENTAL SCIENCE OFFERINGS***

### **ECOLOGY**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Ecology is a course designed to make students aware of the environment around them. This course will allow students to examine the seasonal changes in their local ecosystem through personal experiences, hands-on learning, field trips, guest speakers, and student choice projects. Students will be exploring the outdoors frequently throughout the semester in all

weather (sunny, rainy, snowy, cold, etc.). Topics covered include local species identification, phenology (seasonal natural events), forestry, water quality, conservation and wildlife management, invasive species, biodiversity, and current environmental issues.

### **ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Completion of 9th and 10th grade science requirements

Chemistry II recommended

In this college level course students study how science interacts with ethics and application. A.P.E.S. is the study of the natural sciences in a way that always includes consideration of people and how they have influenced the systems under examination. This class will include aspects of geology, ecology, earth and atmospheric science, population dynamics, geography, pollution and policy. Students will find that APES brings to the table a wide menu of study including biomes, landscapes, biodiversity, law, food, agriculture, pests, health and politics. Man's use of our natural resources and preservation of those resources is a key component in areas such as wetland, forests and prairies. We investigate the impact of toxic and hazardous waste as man attempts to become sustainable. Students enrolled in AP courses may be asked to purchase AP study guide materials at the student's cost.

## ***PHYSICS OFFERINGS***

### **PRACTICAL PHYSICS**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Physics I

Practical Physics is an activity-based physics course in which students are challenged to solve a problem that is identified at the beginning of each unit. Students will learn to apply the engineering design process in the areas of motion, energy, and materials

science to solve those problems. Practical Physics is generally not recognized by colleges for science admissions requirements. However, it does count toward one of the required three credits of science for high school graduation.

## **PHYSICS II**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Physics I and Algebra II

Physics II provides opportunity for deeper physics knowledge and experiences building upon the Physics I course. Engage in deeper learning about the collection and reporting of data, motion and velocity, vectors, energy and momentum and waves. Those individuals who intend to further their education beyond high school should give consideration to enrollment in Physics II, especially those whose interests lie in the science career pathways. For students planning to attend a four-year college, it is highly recommended to take at least one year of high school physics while in high school.

## **ADVANCED PLACEMENT PHYSICS C - ELECTRICITY & MAGNETISM**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Physics II or teacher approval

Challenge yourself by taking a college level physics course while still in high school. AP Physics C is a calculus-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activities, and hands-on, inquiry-based laboratory work as they explore concepts like electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields, and electromagnetism.

For students planning to attend a four-year college, successful completion of this course, including a score of 3 or higher on the AP Physics C - Electricity and Magnetism exam may result in earning college credit at the student's future college or university.

Students who took Physics II can choose to also take the AP Physics C - Mechanics Exam for additional college credit. This course is aligned to the AP Physics course as outlined by the College Board.

***This course is offered every other year. It will be offered the following years: 2024-2025, 2026-2027, 2028-2029.***

## ***SPECIAL OFFERINGS***

### **MEDICAL OCCUPATIONS**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: Biology I

This course will give students an awareness of career opportunities and the skills needed for careers in allied health. Students will have the opportunity to explore dozens of different career options in the allied health field through field trips, guest speakers, and job shadowing. The laboratory work will introduce students to proper laboratory techniques and the operation of instruments used in allied health clinics and labs. In addition to career options, the curriculum covers systems of the human body and medical terminology. This is an excellent class to take before enrollment in the certified nurse assistant class offered through MATC-Fort Atkinson. This course is designed to prepare students for entry level employment and/or a two- or four-year college program in the field of allied health. Career choices for students taking this class might be: one year of school to become a surgical technician or 12 years to become a surgeon; two-year or four-year RN; dental assistant, dental hygienist or dentist; medical assistant, physician assistant or physician; respiratory therapist, physical therapist, medical lab technician at a hospital or clinic, radiology technician, dietetic technician or dietitian, and many others. This course does not meet Science credit requirements for admission to a UW system institution. This course is recommended for those students planning on taking the certified nurse assistant course through Madison College.

## **ELECTRONICS**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Physics I (Algebra I recommended)

We all use electronic equipment everyday - whether we think so or not. Because of this, a basic understanding of how electricity and electronics works is vital to understanding how our world works. Most of the time in electronics is spent in the lab investigating principles like Ohm's Law, capacitance, and integrated circuits. Students will also learn about basic schematic diagrams and components like resistors, capacitors, and transistors.

## **YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credit: ½ -1

Length: ½ - full year

Prerequisites: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

These programs are designed to integrate school-based and work-based learning. Programs will provide academic and occupational skills necessary for employment and/or advanced standing in a post-secondary technical program. Students who register go through an application process to be accepted into the program. To be eligible, students must be in academic good standing, on track to graduate, and not have any attendance or behavior concerns. Students must also be concurrently registered in a related course each semester. Students are responsible for gaining employment in a related, relevant job. Seniors must complete their hours by August 31 of their graduation year. Employment sites must agree to pay Youth Apprentices at least minimum wage. Students must complete a minimum of 450 work hours.

Students will receive a Certificate of Occupational Proficiency from the Wisconsin Department of Workforce Development for completion of a Level 1 program.

The following **Health Science Youth Apprenticeships are available:**

- Dental Assistant

- Dietary Aide
- Medical Laboratory Technician
- Medical Office
- Nursing Assistant
- Pharmacy Technician
- Resident Aide



# SOCIAL STUDIES

Course Name	Credit	9	10	11	12	Prerequisite
Global Connections 9	1	X				None
AP Human Geography	1	X	X	X	X	None
U.S. History 10	1		X			None
AP U.S. History	1		X	X	X	None
AP Psychology	1			X	X	None
Ancient & Medieval History	½			X	X	None
Ethnic Studies	½			X	X	None
History of Warfare	½			X	X	None
Modern World History	½			X	X	None
Psychology	½			X	X	None
Sociology	½			X	X	None
Today's World	½			X	X	None
Wisconsin Story	½			X	X	None
Women's Studies	½			X	X	None
AP Microeconomics	½				X	None (Recommended A in Geometry)
AP Macroeconomics	½				X	None
Economics	½				X	None
Government	½				X	None
Government-Honors	½				X	None

## **GLOBAL CONNECTIONS 9**

Grade Level: 9

Credit: 1

Length: Full Year

Prerequisite: None

Global Connections 9 is a class for students to develop an understanding of how other parts of the world live and interact, with an emphasis on the eastern hemisphere. Students will investigate a plethora of topics, how these topics impact individual countries, and how these topics influence the manner in which other countries interact. These topics include geography, important events, culture, environmental issues, demographics, government, and economics. The class improves students' skills for school and work environments in speaking and

listening, goal setting, organization, time management, reading, and writing

## **AP HUMAN GEOGRAPHY**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

This course deals with patterns of global cultural systems and their impact on the earth. Human Geography includes an analysis of rural and urban economics, politics and boundaries, population, urbanization, religion, and linguistics. Theoretical and mathematical models will be used to understand human behavior and interactions with the environments in which we live. Students are able to

take the AP Exam in May to potentially earn college credit for this course.

**Freshmen can take this course in place of Global Connections 9. Strong reading and writing skills and an independent work ethic are required, as this is a college level course.**

### **U.S. HISTORY 10**

Grade Level: 10  
Credit: 1  
Length: Full Year  
Prerequisite: None

The U.S. History course will examine the major events and famous people that have shaped U.S. society over the last century. Main themes include politics, social, and economic trends from the times of Imperialism through the current day.

### **AP U.S. HISTORY**

Grade Level: 10, 11, 12  
Credit: 1  
Length: Full Year  
Prerequisite: Recommended 3.25 GPA

This class is designed to prepare students for the AP exam in U. S. History. The course is an in-depth study of U. S. History taught at an accelerated pace. Students will utilize several learning techniques, many of which are self directed. Reading and writing skills are emphasized. In order to be successful in Advanced Placement U.S. History, students need to be highly motivated and self-directed. It is strongly recommended that students have good writing skills and the ability to spend approximately five hours a week working outside of class.

### **AP PSYCHOLOGY**

Grade Level: 11, 12  
Credit: 1  
Length: Full Year  
Prerequisite: Recommended 3.25 GPA

This course introduces students to the systematic and scientific study of behavior. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. Students will also learn about the methods psychologists use in their everyday practices. Students will be required by district policy to take the national AP exam in May and possibly receive three college credits.

### **ANCIENT AND MEDIEVAL HISTORY**

Grade Level: 11, 12  
Credit: ½  
Length: Semester  
Prerequisite: None

Ancient & Medieval History is designed to acquaint students with the historical background of our present day world. Course content includes non-Western and Western civilizations prior to the 1400's, including Ancient Greece and Rome, China, and Medieval Europe. Instruction highlights the economic, political, and social aspects of our emerging world. Emphasis is placed on primary source work.

### **ETHNIC STUDIES**

Grade Level: 11, 12  
Credit: ½  
Length: Semester  
Prerequisite: None

This course will cover the history of various racial and ethnic groups such as Asian Americans, African Americans, Latinos, Middle-Eastern and Muslim Americans, Native Americans, and White Ethnics. Study will include reasons they came to the U.S., how they interacted with the mainstream culture, the ways in which they contributed to society, unique characteristics they held onto, and the ways in which they were not a full and equal part of society, and actions taken to be treated more equally. Contemporary issues regarding race and ethnicity such as immigration, racial profiling, affirmative action, and Indian gaming will also be covered.

### **HISTORY OF WARFARE**

Grade Level: 11, 12  
Credit: ½  
Length: Semester  
Prerequisite: None

This class will look at how warfare has changed from ancient times to the present day. Students will have the opportunity to study and act out the battle tactics, weapons, and famous people of the many conflicts spanning human history. Topics include the root causes of war, the daily lives of fighting men and women, the evolution of military equipment, and the reasons why battles are won or lost. Active participation is a big part of assessment for students in this class.

## **MODERN WORLD HISTORY**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Modern World History is designed to acquaint students with the historical background of our present day world. Course content includes non-Western and Western civilizations since the 1400's. Instruction highlights the economic, political, and social aspects of our emerging world. Emphasis is placed on primary source work.

## **PSYCHOLOGY**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Psychology will help students understand why they think, feel, talk and act as they do. The course explores the ways various psychologists explain human behavior. As a result of dealing with these explanations, students will be better able to understand themselves and others.

## **SOCIOLOGY**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None;

Since Sociology is the study of human society and social behavior, sociologists focus on group behavior to understand how people relate to one another and influence each other's behavior. The intent of this course is to introduce students to topics such as social class, adolescence, deviance, culture, personality, race, and ethnicity. Students are invited to think like a sociologist by making connections between themselves and society, understanding the reasons for social problems, and considering solutions to societal issues. Discussion is an important element of this student participation class.

## **TODAY'S WORLD**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

This course covers current events that appear most

often in the news and are important either locally, state wide, nationally, or globally. Topics covered can be both teacher and student selected. Students will stay informed of what is happening in the news. Student participation in discussion is an essential part of this course.

## **WISCONSIN STORY**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

This course is a survey of Wisconsin based on a variety of aspects of the state's past and present, including: Native American perspective, geography and geologic influences, economics, political development, the role of conflict and war, immigration, and current events. Students will develop research and writing skills as well as technological and group presentation skills. They will have an understanding of their state history as well as factors affecting the community in which they live.

## **WOMEN'S STUDIES**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Women's Studies looks at issues that affect women past and present. We will study the traditional and non-traditional roles that women have had in U.S. and world culture and society from ancient times through women's rights movements in the 19<sup>th</sup> and 20<sup>th</sup> centuries. We will also discuss current issues that face women worldwide, human trafficking, advertising and body image, domestic abuse, and economic gaps between genders. Student participation in discussion is an important part of this course.

## **ECONOMICS**

Grade Level: 12

Credit: ½

Length: Semester

Prerequisite: None

This course will teach students theoretical concepts and basic applications of economics to help them become informed consumers, producers, and citizens in today's world, with an emphasis on the American Free Enterprise System. At the microeconomic level, students will investigate the decision making by

individuals and business firms in the marketplace. In macroeconomics, students will study the national economy and the role of governments as they attempt to foster growth and stability.

### **AP MICROECONOMICS**

Grade Level: 12

Credit: ½

Length: Semester (second only)

Prerequisite: None

AP Microeconomics is a single-semester college-level course. Students will gain an understanding of the economic principles that drive the decisions of individuals and business firms within a free market system. Students will describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

### **AP MACROECONOMICS**

Grade Level: 12

Credit: ½

Length: Semester (second only)

Prerequisite: None

AP Macroeconomics is a single-semester college-level course. Students will gain an understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

### **GOVERNMENT**

Grade Level: 12

Credit: ½

Length: Semester

Prerequisite: None

This class deals primarily with the structure and functions of the national and state governments of the United States. Included is a study of the development of our political system, elections, Congress, the Presidency, and the Federal Court system. The structure and function of Wisconsin state and local government is also studied. Emphasis will be placed on government processes as they relate to society today.

### **GOVERNMENT – HONORS**

Grade Level: 12

Credit: ½

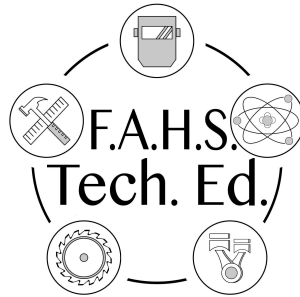
Length: Semester

Prerequisite: None

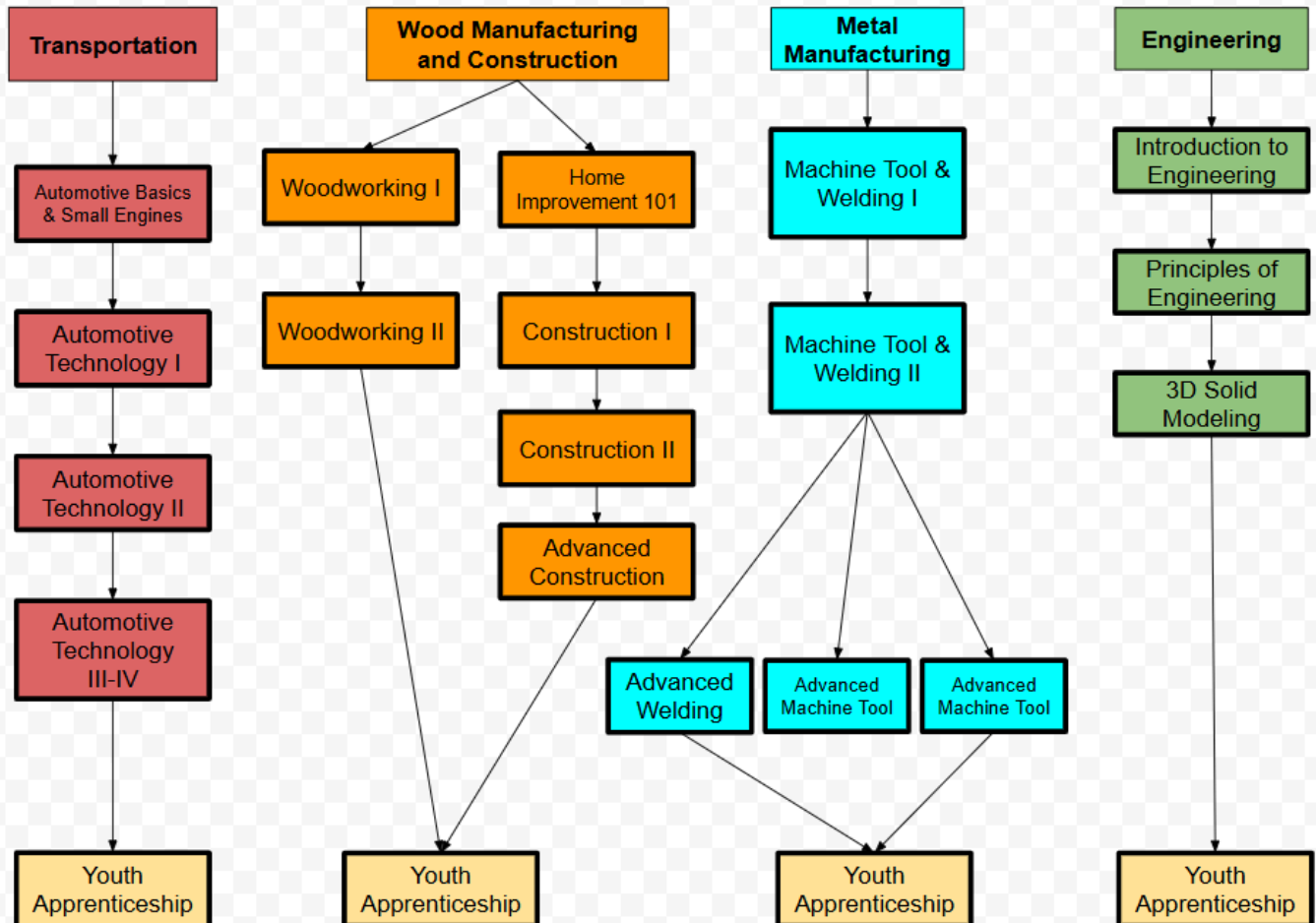
This course introduces students to the history, structure, and systems of the U.S. political process. Students will be exposed to the functions of local, state, and federal government. Students will also gain an understanding of citizenship and the voting and electoral process. A higher level of participation and performance is expected in the Honors level course.

# TECHNOLOGY EDUCATION

"Providing Life Skills and Career Readiness"



## Technical Education and Engineering Pathways



MANUFACTURING						
Course Name	Credit	9	10	11	12	Prerequisite
Machine Tool & Welding I	½	x	x	x	x	None
Machine Tool & Welding II	½		x	x	x	Machine Tool & Welding I
Advanced Machine Tool - DC^	½			x	x	Machine Tool & Welding I AND II
Advanced Welding - DC^	½			x	x	Machine Tool & Welding I AND II
Fabrication - DC^	½			x	x	Machine Tool & Welding I AND II
Manufacturing Youth Apprenticeship	½-1			x	x	Machine Tool & Welding I AND II, Instructor Consent
AUTOMOTIVE						
Automotive Basics & Small Engines	½	x	x	x	x	None
Automotive Technology I	½		x	x	x	Automotive Basics & Small Engines
Automotive Technology II	1		x	x	x	Automotive Technology I
Automotive Technology III	½			x	x	Automotive Technology II
Automotive Technology IV	½			x	x	Automotive Technology III
Automotive Youth Apprenticeship	½-1			x	x	Auto I, enrollment in Auto II, and Instructor Consent
WOODWORKING						
Woodworking I	½	x	x	x	x	None
Woodworking II	½		x	x	x	Woodworking I
ENGINEERING						
3D Solid Modeling	½	x	x	x	x	None
Introduction to Engineering	1	x	x	x	x	None
Principles of Engineering	1		x	x	x	Introduction to Engineering
CONSTRUCTION						
Home Improvement 101: Repairs & Architectural Insights	½	x	x	x	x	None
Construction I	½		x	x	x	Woodworking I
Construction II	½		x	x	x	Successful completion of Construction I
Advanced Construction	½			x	x	Construction I & Construction II
Construction Youth Apprenticeship	½-1			x	x	Construction I, enrollment in Construction II and Instructor approval

^Per the Americans with Disabilities ACT (ADA), allowable accommodations are limited in these dual credit college level courses.

# Manufacturing

## **MACHINE TOOL & WELDING I**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

This introductory course in metalworking will orient students to the skills and knowledge necessary to understand and pursue higher levels of skills in the world of manufacturing. This course orients students to a variety of processes:

Unit:

- Layout/measurement/blueprint reading (toolbox)
- Forming/cutting (lathe)
- Molding (foundry)
- assembling (GMAW, SMAW and OAW welding)

Manufacturing is a growing profession in Jefferson County and throughout the United States. Skilled workers are needed to fill these positions. Note: Students are to wear safety glasses which are the fiscal responsibility of the student.

## **MACHINE TOOL & WELDING II**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Successful completion of Machine Tool and Welding I or Instructor Consent.

This activity-based course provides a more in-depth approach to materials, processes and industrial design systems. Students will build upon concepts and skills acquired in Introduction to Industrial Design (prerequisite course) to learn about:

Units:

- Advanced blueprint reading (sawed block)
- Advanced forming/cutting (lathe)
- Advanced molding and assembling (C-Clamp)
- Welding Processes (GMAW, GTAW, FCAW and SMAW)

Examples of some projects include:

C-clamps, metal forming of sculptures, advanced welding positions (overhead, vertical up and down).

Note: Students are to wear safety glasses which are the fiscal responsibility of the student.

## **ADVANCED MACHINE TOOL (Dual Credit\*)**

Grade Level: 11, 12

Credit: ½ (4 Credits MATC)

Length: Semester

Prerequisite: Successful completion of Machine Tool and Welding I, Machine Tool and Welding II, or Instructor Consent



This course offers students an opportunity to learn operations of engine lathe, cnc mill and other metal working tools. The class involves CAD/CAM, precision machining, precision measuring, and layout. Projects will involve designing and making metal projects using the machines in the shop. In addition, This class will teach how to produce lathed parts to blueprint specifications, and produce vertical milling machine parts to blueprint specifications. Students will be introduced to the fundamentals of metal cutting and forming. Students will create assemblies from industrial drawings conforming to industry standards. Emphasis will be placed on the safety, basic layout techniques, bending calculations, and operation of manual and mechanical cutting/forming equipment.

Note: Students are to wear safety glasses which they are required to purchase.

Note: This course is a dual credit course with Madison College. Students will receive 4 credits at Madison College upon completion of the course (Machine Tool 1 and Fabrication)

\*Dual Credit status pending teacher certification and availability through the partner technical college

## **ADVANCED WELDING (Dual Credit\*)**

Grade Level: 11, 12

Credit: ½ (4 Credits MATC)

Length: Semester

Prerequisite: Successful completion of Machine Tool and Welding I, Machine Tool and Welding II, or Instructor Consent



Students in this course will learn about advanced welding techniques. Students will learn about welding and fabrication in the Manufacturing setting. Projects will be based around welding and various metals. Students in this course will develop manipulative skills on all types of joints in the flat position using shielded metal arc welding electrodes on mild steel. Welding techniques used for structural, pipe and maintenance welding will be developed. Students will develop manipulative skills on all types of joints in the flat position using shielded metal arc welding electrodes on mild steel. Welding techniques

used for structural, pipe and maintenance welding will be developed).

Note: Students are to wear safety glasses which they are required to purchase.

Note: This course is a dual credit course with Madison College. Students will receive 4 credits at Madison College upon completion of the course (SMAW, GMAW).

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **FABRICATION (Dual Credit\*)**

Grade Level: 11, 12

Credit: ½ (2 Credits MATC)

Length: Semester

Prerequisite: Successful completion of Machine Tool and Welding I, Machine Tool and Welding II, or Instructor Consent



This course is a dual credit course that trains students about layout and design of a project. Bending, drilling and shaping metal to the design and then weld together the metal. Students then will be finishing the metal. Students will be working on multiple projects to achieve mastery of these skills.

\*Dual Credit status pending teacher certification and availability through the partner technical college

### **MANUFACTURING YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credits: ½ - 1

Length: Full Year

Prerequisite: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

Students who are serious about a career in the manufacturing industry should consider this youth apprenticeship. Students will acquire additional knowledge, skills, and concepts by participating in an industry level work experience in the area of manufacturing.

## **AUTOMOTIVE**

### **AUTOMOTIVE BASICS & SMALL ENGINES**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

In today's world, the understanding of exhaustible, inexhaustible, and renewable energy sources is critical. The semester will cover topics in both energy and small engines as learning some basic automotive skills.

During the Energy section of this class, students will learn about fossil fuels, and our dependence on them as well as renewable energy sources. Students will also learn about alternative energy sources. We will also discuss the need to conserve our resources and develop other methods to fulfill our energy needs. To demonstrate knowledge of content, students will complete a research paper and presentation of an energy source of their choosing. Students will then make a powerpoint or slideshow and present their energy source data to the class.

During the Small Engine section of this class, students will learn about the 4 Stroke Cycle, and the role that it plays in our daily lives. Students will learn the 4 distinct actions during the 4 stroke cycle and what internal components of the engine need to do during each stroke. They will also gain an understanding of how various components must be timed for the cycles to function. Students will also be required to perform various labs during this portion of the class in which they will be completing inspection, measurements, disassembly and reassembly of a small engine. If time allows, students will be able to bring in an engine from home for engine diagnosis and repair towards the end of the semester.

Students must pass a national accredited safety program in order to perform hands-on activities in this class.

With respect to the Automotive Basics section of this course, students will gain a broad overview of a traditional automobile and light truck. Things covered will be fluids, fluid levels, inspections, tires, warning lights, understanding ID tags and safety tags, knowledge of the VIN number, changing a flat tire, jump starting, using the owner's manual, and what to look for when purchasing a used and /or new vehicle.

### **AUTOMOTIVE TECHNOLOGY I**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Energy & Small Engines

The Automotive Technology 1 course is designed to



provide the student with a basic knowledge of various automotive systems and the recommended maintenance required to keep the automobile operating safely and efficiently. Emphasis will be placed on the areas of safety, power and hand tools, the 4-Stroke Cycle, batteries, brakes, fluid and lubricants and tires. Various "hands-on" lab modules are required during this course. Students will also have an attempt to gain student ASE certification in brakes. Students will also work toward becoming ALLDATA certified, which is the number one platform used by auto repair facilities.

Students must also pass a nationally recognized Safety Module to enable them to perform the required labs during this class. In addition, students must pass their ASE student brake certification in order to advance to Automotive Technology II.

### **AUTOMOTIVE TECHNOLOGY II**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Automotive Technology I

Students will receive instruction in the automotive areas of steering, suspension, manual drivetrain & axles, automatic drivetrain, and electrical.

Students will gain knowledge in all aspects of suspension and steering components, wheel alignment, internal and external working of manual as well as automatic drivetrains, axles, as well as electrical system basic operations and troubleshooting. Proper techniques and procedures for diagnosis, repair, and maintenance of these systems will be practiced, which will require students to demonstrate proficiency with specialized tools and/or diagnostic equipment. Work based learning is also an integral part of this course in order to assist students in developing their work skill set.

Students will work toward student ASE certifications in Steering & Suspension, Manual Drivetrain/Axle, Automatic Drivetrain, and Electrical. A nationally recognized Safety Module must be completed prior to performing any required labs during this course. A small fee for student ASE testing may be imposed.

The students are required to provide approved safety glasses for this course and may be imposed a minimal expense for supplies used during this class. A required nationally recognized Safety Module must be completed prior to performing any required labs during this course.

### **AUTOMOTIVE TECHNOLOGY III**

Grade Level: 11, 12

Credit: ½ (offered fall semester)

Length: Year

Prerequisite: Automotive Technology II

This course is a vocationally oriented class which will help prepare students with the basic skill sets and knowledge needed to enter a post secondary training program for future entry into an automotive service career. Students will receive instruction in engine performance and diagnosis as well as maintenance and light repair. Students will participate in aspects of automotive diagnosis and repair as they had learned up to this point from prior automotive classes. In addition to that, students will work toward student ASE certifications in Engine Performance as well as Maintenance and Light Repair. With that, students will demonstrate proficiency in using the necessary diagnostic and repair tools. Work based learning is also an integral part of this course in order to assist students in developing their work skill set. A small fee for student ASE testing may be imposed.

### **AUTOMOTIVE TECHNOLOGY IV**

Grade Level: 11, 12

Credit: ½ (offered spring semester)

Length: Semester

Prerequisite: Automotive Technology III

This course is a vocationally oriented class which will help prepare students with the basic skill sets and knowledge needed to enter a post secondary training program for future entry into an automotive service career. Students will receive instruction in Heating and Air Conditioning systems for the automotive industry. Students will participate in aspects of automotive diagnosis and repair as they had learned up to this point from prior automotive classes. In addition to that, students will work toward a student ASE certification in Heating and Air Conditioning. With that, students will demonstrate proficiency in using the necessary diagnostic and repair tools. Work based learning is also an integral part of this course in order to assist students in developing their work skill set. A small fee for student ASE testing and/or additional certifications may be imposed.

### **AUTOMOTIVE TECHNOLOGY YOUTH**

## **APPRENTICESHIP**

Grade Level: 11, 12

Credit: ½ - 1

Length: Semester or Full Year

Prerequisite: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

If the student is serious about a career in the automotive industry then this youth apprenticeship is for him/her. Students will build upon and increase automotive concepts and skills in the automotive industry or business setting.

# **CONSTRUCTION**

## **HOME IMPROVEMENT 101: REPAIRS & ARCHITECTURAL INSIGHTS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Unlock the potential of your living space in this hands-on course designed for homeowners and aspiring DIY enthusiasts. Home Improvement 101 will guide you through essential repair techniques and fundamental architectural concepts, empowering you to take charge of your home's maintenance and improvement.

In this course, you will:

**Learn the Basics:** Gain practical skills in common repairs, including plumbing, electrical, and carpentry tasks, ensuring you can address everyday issues with confidence.

**Explore Architectural Fundamentals:** Understand the principles of home design, including layout, materials, and structural integrity, to make informed decisions about your space.

**Hands-On Projects:** Participate in hands-on projects that reinforce your learning, allowing you to practice skills in a supportive environment.

**Problem-Solving Techniques:** Develop a toolkit of troubleshooting strategies to identify and address repair needs effectively.

**Sustainable Practices:** Discover eco-friendly solutions and materials that contribute to a healthier home environment.

By the end of this course, you'll have a solid foundation in both repairs and architectural insights, enabling you to enhance your home's functionality and aesthetic appeal. Whether you're looking to boost your DIY skills or prepare for larger renovation projects, this course will equip you with the knowledge and confidence to tackle any home improvement challenge.

## **CONSTRUCTION I**

Grade Level: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Woodworking I

Students will take part in classroom and lab activities to learn construction techniques used in industry today. The curriculum used for this course allows students to gain a nationally recognized construction training certification through the National Center for Construction Education and Research (NCCER). The course will include techniques and information including basic construction safety, construction math, hand tools, power tools, construction drawings, communication skills, employability skills, materials handling, rough framing, roofing, drywall hanging and mudding. NOTE: Safety glasses must be worn at all times.

## **CONSTRUCTION II**

Grade Level: 11, 12

Credit: ½

Length: Semester

Length: Semester

Prerequisite: Consumer Home & Auto, Construction I

Building upon the skills obtained in Construction I (required) this course will provide students the opportunity to design and plan a larger scale project. Students will use prior skills and gain advanced skills by completing the selected project. Projects will include building a tool box, saw horse, bean bag toss, and the final project will be shed, gazebo, etc. NOTE: Safety glasses must be worn at all times.

## **ADVANCED CONSTRUCTION**

Grade Level: 11, 12

Credit: ½

Length: Semester

Prerequisite: Consumer Home & Auto Care,

Construction I, Construction II, & Instructors Approval.

Advanced Construction is the capstone course in the technology education construction pathway. Students will be improving on already developed skills in safety, floor framing, blueprint reading and drywall. They will be gaining new skills in window installation, door installation, electrical, plumbing and finish carpentry. These improved and new skills will be developed through a semester-long project of entirely building a half bathroom. The project includes building a floor system, walls, stairs, door and window installation, PEX plumbing, PVC plumbing, residential wiring, sheathing, drywalling, trimwork, vanity installation and proper teardown. Upon completion of the construction pathway students will be ready to either go directly into the workforce, continued education or adult apprenticeship in construction fields.

### **CONSTRUCTION YOUTH APPRENTICESHIP**

Grade Level: 11, 12

Credit: ½ - 1

Length: Semester or Full Year

Prerequisite: Consent of Instructor and excellent attendance record and concurrent enrollment in 1.0 credit of related coursework while student is enrolled in the Youth Apprenticeship

If the student is serious about a career in the construction industry then this youth apprenticeship is for him/her. Students will build upon and increase construction concepts and skills in the construction industry or business setting.

## **WOODWORKING**

### **WOODWORKING I**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

This is an introductory course to woodworking and cabinet making. It will allow the students to gain the knowledge and skills needed to plan and produce fine woodworking projects. This course will include types of wood, measurement and math skills, reading work instructions, making a cost estimate, safely learning how to use hand tools, power tools, and equipment

used in industry. NOTE: Safety glasses must be worn at all times.

### **WOODWORKING II**

Grade: 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: Woodworking I or Instructor Consent

This advanced course will allow students an in depth study of woodworking and cabinet making. It includes: Advanced skill activities on all equipment, drawer construction, various joinery techniques, design elements, cost estimates, creating work instructions, and problem solving. Students will create a production plan and complete it from start to finish to prove proficiency in the design, planning, and purchasing of materials. NOTE: Safety glasses must be worn at all times.

## **ENGINEERING**

### **3D SOLID MODELING: COMPUTER AIDED DRAFTING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: Semester

Prerequisite: None

Students will learn skills to draft by hand and use software to do drafting and g and m code. The class will teach the basics of drafting by hand and then apply those skills to using a computer to draw. Students will learn to use Solidworks and Fusion360 CAD software.

Students will use drawing to then use 3D printers, CNC plasma cutter and CNC mill to create their projects.

### **INTRODUCTION TO ENGINEERING**

Grade Level: 9, 10, 11

Credit: 1

Length: Full Year

Prerequisite: None

The intent of this STEM course is to provide students with an orientation into the careers and challenges of engineering. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives.

Students will apply mathematical and scientific concepts to real life situations. Topics include:

- Concurrent Engineering
- Measurement
- Intro to 3D Solid Modeling
- Materials
- Electricity
- Problem Solving
- Engineering Disciplines

This is a **prerequisite** for the Principles of Engineering course.

### **PRINCIPLES OF ENGINEERING**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisites: Introduction to Engineering

\*Science Equivalency (counts as 3<sup>rd</sup> science credit)

The intent of the STEM course is to provide students with a more in depth understanding of the challenges and requirements it takes to be an engineer. Students who complete this course will know and understand what it takes to develop solutions and be a productive member of a team. They will apply science concepts primarily dealing with physics to assist them in their design challenges that mimic challenges currently faced by working engineers. Finally, students will not only be problem solving but they will be doing it through a hands-on manner using the resources

available in the various Fort Atkinson Technology Facilities.

Topics include:

- Gantt and Flow Charts
- Mechanisms
- Fluid Power
- Electrical Circuits
- Gears
- Analysis engineering
- Problem Solving
- Design and modeling
- Industrial design

Upon completion of this course students will receive an elective credit in technology education at Fort Atkinson High School as well as a science equivalency credit at Fort Atkinson High School.

# WORLD LANGUAGE

Course Name	Credit	9	10	11	12	Prerequisite
French 1	1	X	X	X	X	None
French 2	1		X	X	X	French 1
French 3	1			X	X	French 2
French 4	1				X	French 3
German 1	1	X	X	X	X	None
German 2	1		X	X	X	German 1
German 3	1			X	X	German 2
German 4	1				X	German 3
Heritage Speaker Spanish	1	X	X	X	X	Proficiency in Spanish
Spanish 1	1	X	X	X	X	None
Spanish 2	1	X	X	X	X	Spanish 1
Spanish 3	1		X	X	X	Spanish 2
Spanish 4	1			X	X	Spanish 3
AP Spanish & Language	1				X	Spanish 4

## **College Admissions**

At this time, a minimum of 2 credits of one World Language is required to earn a bachelor's degree at UW Madison, UW Platteville, UW Parkside, and UW Milwaukee. This requirement can be waived by taking high school World Language courses and passing the UW Placement Test for that language. Other colleges may require World Language for specific degree requirements. Students should consult the admissions webpages of their potential college to determine if the institution has any admission or degree requirements in World Language.

### **FRENCH 1**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

Workbook Fee: \$28.00

This course is an activity-filled introduction to the French language and culture through various speaking, listening, reading and writing activities and

games. Units focus on describing yourself, friends, family, school and leisure activities, and of course, food! A study of France and other French-speaking countries is also a part of this course.

### **FRENCH 2**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: French 1

Workbook Fee: \$28.00

This course is a continuation of French 1, helping you develop your language skills with more proficiency. More advanced grammar usage is presented and Paris and French-speaking countries are studied. Units focus on jobs and professions, shopping for clothes and food, your home, weather, animals, places in the city, health and fitness, environmental issues, and Quebec and Montreal train travel and asking directions.

### **FRENCH 3**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: French 1 & 2

Workbook Fee: \$28.00

This intermediate level course is designed to increase your fluency in the language through various speaking, listening, reading and writing activities and games. Conversational techniques are polished and the language is studied in more depth. Units focus on daily routines and chores, agricultural and rural life, professions, college student life, air travel, cars and driving.

### **FRENCH 4**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: French 1, 2, and 3

Workbook Fee: \$28.00

This intermediate level course is aimed at helping you improve your oral and written skills, increasing your fluency in the French language. Units focus on hotel stays, French meals, regions of France and societal problems, job and market industries, extended family, children's stories, types of housing, vacation activities, and French impressionism. French 4 is geared for students intending to pursue an in-depth understanding of the French language at the university level.

### **GERMAN 1**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

Guten Tag!

German is gradually introduced at the beginning of the year in German 1, and before you know it, you will be able to understand, speak, read, and write in German! You will learn German through a wide variety of engaging, interactive, brain-friendly activities, and our new technology based textbook. Come and experience this I.Q. enhancing language!

### **GERMAN 2**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: German 1

Now you can build on your knowledge of German from level 1, and do even more sophisticated activities in German 2! Putting on a fashion show, giving dog commands, and playing soccer in German are just some of the ways we have fun using German in level 2! You will also become an expert about the formerly-divided city of Berlin.

### **GERMAN 3**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: German 1 & 2

Be a part of this special group that really explores what can be done in German! German 3 is still thematically based (with interesting activities), but with over two years of experience, you can start to speak and write with more sophistication. At this level, we can write a short story, make a video, or perform a skit, along with engaging theme-based projects.

### **GERMAN 4**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: German 1, 2 & 3;

The successful completion of German 4 can enhance your post-secondary education in many ways! You should be ready for continued university study, or simply to travel abroad, as we cover almost every aspect of the German language. Mixed in with the continuation of reading, writing, speaking, and comprehension are teacher-designed units on Anne Frank, fairy tales, an interesting German-speaking composers/music unit, and much more!

### **HERITAGE SPEAKER SPANISH**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Students who have a proficiency in or a cultural connection to Spanish from when their language was developing at a young age.

Heritage Language Learners are students who have proficiency in and a cultural connection to Spanish from when their language was developing at a young age. These students are typically stronger in oral skills (listening and speaking) of Spanish, but have deficiencies in literacy (reading and writing) due to lack of exposure to written Spanish text or formal educational experience in Spanish. This course honors the existing strengths of these students and targets the developmental needs for mastery of the written language and nurtures the continued multilingual language development. Cultural awareness and identity are a large part of this course.

### **SPANISH 1**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: None

This novice level course is divided among speaking, listening, reading, and writing activities, and this course focuses on the acquisition of basic vocabulary, pronunciation and grammar. Units focus on describing yourself, your family, friends, meals, hobbies, school and home topics. Cultural awareness is stressed throughout each unit. Students will demonstrate communication skills through chapter assessments and creative projects. Students are encouraged to speak Spanish in class.

### **SPANISH 2**

Grade Level: 9, 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Spanish 1

This second year Spanish course allows students to continue to develop skills in speaking and understanding and is aimed at enhancing reading and writing ability. After a brief review of first-year skills, the student is introduced to novice high school level vocabulary and grammar usage. Units focus on

the school day, vacations, tv and movies, daily routine, shopping, special occasions, childhood memories and your community. Cultural awareness is stressed throughout each unit. Students will demonstrate communication skills through chapter assessments and creative projects. Students are encouraged to speak Spanish in class.

### **SPANISH 3**

Grade Level: 10, 11, 12

Credit: 1

Length: Full Year

Prerequisite: Spanish 1 and 2

This intermediate level course will allow students to expand their knowledge in both spoken and written forms of the Spanish language and culture. Vocabulary and grammar will be enhanced. Units focus on television and movies, food, travel, professions, unforgettable experiences, artistic performances, and health & fitness. Cultural awareness will be stressed throughout each unit. Students will demonstrate communication skills through chapter assessments, short readings and creative projects. Classroom activities are conducted mostly in Spanish. Students should speak mostly Spanish in class.

### **SPANISH 4**

Grade Level: 11, 12

Credit: 1

Length: Full Year

Prerequisite: Spanish 1, 2, and 3

This intermediate level course will allow students to participate actively using oral and written forms of the language with increased competency and proficiency. This course will include conversations, interviews, intermediate to high level vocabulary and grammar, reading selections and culture. Units focus on relationships, work, community, the future, myth or reality, cultures, caring for our planet, and rights and responsibilities. Cultural awareness is stressed throughout each unit. Students will demonstrate communication skills through chapter assessments, short readings and creative projects. Classroom activities are conducted mostly in Spanish. Students should speak mostly Spanish in class.

**ADVANCED PLACEMENT SPANISH**  
**LANGUAGE AND CULTURE**

Grade Level: 12

Credit: 1

Length: Full Year

Prerequisite: Successful Completion of Spanish 4  
or instructor consent

AP Spanish Language and Culture is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have intermediate/high knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language. The AP Spanish Language and Culture course prepares students to demonstrate their level of Spanish proficiency across three communicative modes: Interpersonal, Interpretive, and Presentational; and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century* (Communication, Cultures, Connections, Comparisons, and Communities). The primary goal of this course is that students develop the ability to communicate in Spanish at a pre-advanced level. The course will be conducted in Spanish and students are expected to speak Spanish in class.