

2017-2018 COURSE DESCRIPTION BOOK



PLEASE NOTE:

Many courses require specific materials or supplies.
These will be listed as special notes.

This guide is available at monroeschools.com

Monroe High School



Students in the School District of Monroe will not be denied admission to, participation in, or be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil service, recreational or other program or activity because of the person's race, religion, sex or sexual orientation, national origin, pregnancy, handicap, marital or parental status, or other human differences.

Complaints regarding this policy should be addressed to:

Joe Monroe
925 - 16th Avenue, Suite 3
Monroe, WI 53566

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MONROE HIGH SCHOOL COURSE GUIDE

The course guide is designed to give students and parents information on courses offered at Monroe High School. High school course selections can affect a student's ability to achieve his or her post-secondary educational or career goals and may influence future income potential, career success and happiness. Every attempt should be made to plan carefully and accurately, constantly keeping in mind one's capabilities, interests, and work or post-secondary education ambitions. All students should actively seek the advice and counsel of their parents, teachers, and student services personnel in planning their four-year programs.

Course selection

The process of developing a master schedule is a complex one, occasionally resulting in scheduling limitations for students. **It occasionally becomes necessary to cancel some courses because of insufficient student requests, staffing changes or curriculum challenges. There are also situations when courses a student may want in a given semester meet at the same time; therefore, both cannot be scheduled for the student. The master schedule of courses is designed to keep course conflicts at a minimum, but conflicts do occur. This is particularly true in courses with single or few sections. For these reasons, students would be wise to complete the list of alternate course selections on the course selection form.** Throughout this process, student services staff members are available to assist students with course selections.

Registration guidelines

It is important that students and parents work together to select the best possible student schedule. Please follow the directions carefully. This will facilitate your registration and will reduce the possibility of error.

Student Course Load

All students are required to enroll in six classes per semester, unless they qualify for a modified program. Students must request a minimum of five alternate courses during registration.

Credit

Credit awarded for each course is shown with the course titles listed in this course description book. Typically, a course meeting daily, five days per week for a full semester, represents .5 credit. Most credit is earned in the regular program of instruction. A modified or alternative program may earn equivalent credit in special cases. Enrollment in any alternative program requires prior administrative approval.

Guidelines for Class Changes

Monroe High School's classroom schedule is based on the course requests students make during spring registration. When a student's course selection is finalized, a series of commitments on the part of the school is made. Course selection, therefore, is extremely important and should be considered as much a commitment on the part of the student as it is the school. Students are urged to consult with parents, advisors, course instructors, and counselors before making course selections. By changing a schedule, we are altering the number of students in a class, which can produce the following undesirable effects:

- Reduce class size to a point where it would no longer be practical to offer the class
- Increase class enrollment so that a sound learning environment would no longer be present
- Make it difficult for teachers to begin instruction at the start of a semester
- Suggest to students that prior planning is not important

Some schedule changes may need a parent and/or teacher signature. Changes that may need a signature could include dropping a core course, requesting a change of teacher or adding/dropping specific elective courses.

Schedules may be adjusted at the end of the school year and during the summer for the following reasons:

- Student fails a required class and needs to make up the credit
- Due to a schedule conflict the student needs to make another choice
- Student wishes to add a seventh or eighth class
- Evidence of scheduling error/computer error
- Student has an incomplete schedule

Requests for a schedule change do not automatically equate to a schedule change being approved.

Schedules will NOT be adjusted for the following reasons:

- Student wishes to drop a course due to changing their mind.
- Change of schedule because of personal preference of lunch, study hall, or use of RP time.

Course Fees

Please note that fees listed in this course description book are subject to Board of Education approval. Fees listed are projected for the 2017-2018 school year and subject to change.

Grade Point Average (G.P.A.)

The factors that affect G.P.A. are the credit for the course, the grade received and the weight accorded the course. The G.P.A. is calculated by dividing cumulative grade points by credits attempted.

Grade	Regular Value	Weighted Value (1.0)	Grade	Regular Value	Weighted Value (1.0)
A	4.0	5.0	C	2.0	3.0
A-	3.7	4.7	C-	1.7	2.7
B+	3.3	4.3	D+	1.3	2.3
B	3.0	4.0	D	1.0	2.0
B-	2.7	3.7	D-	.7	1.7
C+	2.3	3.3	F	0	0

Weighted Courses

This list is subject to change and a course's eligibility for transcription is subject to change based on post-secondary institution requirements. Students interested in completing weighted course work should check with the instructor.

The following courses are eligible for 1 point of weight:

AP Art History	AP Statistics	German 5 (CAPP German)
AP English Literature & Composition	AP Studio Art 2D Design	Intro to Engineering Design
AP Biology	AP Studio Art 3D Design	Principles of Biological Sciences
AP Calculus AB	CAPP Personal Finance	Principles of Engineering
AP Calculus BC	Computer Integrated Manufacturing (CIM)	Spanish 5
AP US History	Engineering Design and Development	Spanish 5 (CAPP Spanish)
AP Physics	German 5	
AP Psychology		

Virtual Courses eligible for weight:

AP Computer Science	AP European History	A Politics & Government
AP Language & Composition	AP Macro Economics	AP World History
AP Environmental Science		

The following courses are eligible for .5 point of weight:

Advanced Chemistry	Classic Literature B
Advanced Metals Manufacturing	College Accounting
Advanced Writing	Pre-calculus
Classic Literature A	Physics

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 by taking AP exams. Advanced Placement Exams are given in Monroe 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.

AP courses make substantial academic demands on students. 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. Some classes require student to complete assignments during the summer. This experience helps them develop the intellectual skills and self-discipline they will need in college.

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

- Provide possible college credits for courses and examinations successfully taken in high school.
- Exempt them from some introductory college courses, thus permitting students to move more quickly into advanced classes.
- 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 in a positive fashion for admission.

AP courses are introductory college courses, so they are not easy, but neither are they impossible. AP courses require more time and work, but in doing so you gain in many ways. College officials evaluate courses based on the quality of the course as well as the grade received.

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.

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 grades it will accept for credit or for advanced placement. Most colleges accept grades of 3 and above awarding 3 or more college credits. Information about acceptance of AP credits at Wisconsin universities is available through the Gearing Up link at www.uwhelp.wisconsin.edu .

How do I get involved in AP?

An AP teacher or school counselor can help you determine which AP courses may be good for you. Plan ahead in the ninth or tenth grade so you will have the appropriate background courses for the AP classes offerings:

AP Art History

AP English Literature & Composition

AP Biology

AP Calculus AB

AP Calculus BC

AP US History

AP Psychology

AP Physics

AP Statistics

AP Studio Art 2D Design

AP Studio Art 3D Design

Virtual Advanced Placement Classes

AP Computer Science

AP Language & Composition

AP Environmental Science

AP European History

AP Macro Economics

A Politics & Government

AP World History

CAPP

Enrolling in University of Wisconsin Oshkosh Cooperative Academic Partnership Program (CAPP) courses is a convenient and affordable way for high school students to earn concurrent high school and college credit, while developing key skills for future success. Monroe High School offers three CAPP courses: Personal Finance, Spanish 5, and German 5. If you are a junior or senior and meet at least **one** of the following requirements, you may be able to enroll in CAPP:

- Class rank in the top 25 percent
- GPA of 3.25 or above (on a 4.0 scale)
- ACT score of 24 or higher **and** one of the following:
 - Rank in the top 50 percent
 - GPA of 2.75 or above

Instructors may make recommendations for students exceptional in an area, but not meeting the above expectations.

Frequently Asked Questions about CAPP

1. *The cost of \$300.00 for three credits and \$500.00 for five credits seems expensive. Is it reasonable, and when is the payment due? (Note these tuition figures are subject to change)*

While these are reduced costs we understand that this may be difficult. UW-Oshkosh does offer scholarships to reduce costs if necessary. However, regular tuition at UW-Oshkosh is over twice these charges. Tuition is due in the fall.

2. *Do I have to take it for college credit? Can I just take it for Monroe High School credit?*

You do not have to take the college credit. You can take the class at no cost for MHS credit or you can take it for both MHS and college credit if you pay the tuition fee during registration in August.

3. *What if I don't plan to go to UW-Oshkosh? Will other schools accept these credits?*

The credits earned in CAPP are transferrable to virtually any school you wish to attend. Contact Student Services to see the list of the hundreds of schools that will accept these credits or go to www.uwosh.edu/capp/students/transferring-credits for more information.

4. *Will I receive a transcript for these credits?*

You must request an official University of Wisconsin-Oshkosh transcript upon successful completion of this class, and CAPP will also be listed on a Monroe High School Transcript.

5. *Are there any other advantages to taking this course?*

Taking this course demonstrates a willingness to take challenging courses and that's what college admissions officers look for when students apply for college. CAPP courses are evidence of this. In addition, earning college credits before attending college may give students the opportunity to register for classes in college early and allow you to get the classes you want and graduate on time.

6. *Where can I get more information?*

For more information, go to www.uwosh.edu/capp or see Student Services

Virtual Courses

Students may select virtual courses in the Course Guide by completing the application on page 95. Students will not be allowed to request virtual courses electronically. By signing this application, a student understands that he/she must start and finish the courses in good standing in order to receive credit. The student understands that virtual courses are self-paced and no instructor will be assigned to assist him/her in this course at Monroe High School. The student understands that requesting this course will not guarantee that this course will be assigned to him/her this school year. Dropping the course(s) or failure in the course(s) will require repayment of any tuition or fees associated with the course. For a more complete description of course, please contact your school counselor.

Articulation

Through an agreement with Monroe High School, Blackhawk Technical College awards credits for certain courses taken at the high school level. Advanced standing allows a student to gain retroactive, tuition-free credit from past high school courses. In order to receive retroactive credit, the student must complete the course to specific conditions (grades, attendance requirements, etc.) AND enroll in the technical college within 27 months of graduation. The following courses are Advanced Standing courses:

Animal Science

Plant and Soil Science

Physics

Accounting

Intro to Microsoft Office

Food Science & Sanitation

Written Communications

Adv. Metals Manufacturing

Introduction to Welding

Intermediate Welding

Metals Manf. Process

Advanced Const. & Mill

Project Lead the Way

Project Lead the Way (PLTW) is a four year sequence of courses that introduces students to the scope, rigor and discipline of engineering and manufacturing at the college level. As a Certified PLTW program, Monroe is pleased to offer dual credit options for all PLTW courses. This allows student to earn college credit at Milwaukee School of Engineering (and other colleges) for taking a PLTW course at Monroe High School. MHS offers Introduction to Engineering and Design, Principles of Engineering, Computer Integrated Manufacturing, and Engineering Development and Design.

Youth Options Program

Wisconsin's youth options program allows public high school juniors and seniors who meet certain requirements to take postsecondary courses at a UW institution, a Wisconsin technical college, one of the state's participating private nonprofit institutions of higher education, or tribally-controlled colleges. Approved courses count toward high school graduation and college credit.

Under youth options, a student does not pay for a college course if the school board determines the course qualifies for high school credit and is not comparable to a course already offered in the school district. If approved by the school board, the student can receive both high school and college credit upon successful completion of the course.

Students interested in participating in the program should talk with a student services member to complete a Youth Options Program Plan and Report Form and submit it to the Monroe School Board. Application deadlines for Youth Options are March 1 for semester 1 (Fall) classes and October 1 for semester 2 (Spring) classes. More information can be found at <http://youthoptions.dpi.wi.gov/>.

Early Graduation

Monroe High School offers many courses that are essential in building a strong high school educational background. The senior year, especially the eighth semester, is one in which the student is able explore new areas of the curriculum. The final year of high school is a very important part of a student's educational career. Only in special situations should a student forego the opportunities offered in the eighth semester.

Early graduation may be permitted according to established procedures for the student who has definite goals in mind and feels that early graduation is part of these goals. If early graduation is anticipated, it should be a planned program involving parents, student, and school personnel. In those instances the following guidelines will be followed:

- Applicant must meet all of the requirements of a four-year graduate.
- Notification should be made to the Student Services Department prior to the beginning of the seventh semester of school.

- After notification as been made, it will be forwarded to the high school principal and contact will be made with the student’s parents to acquaint them with the educational opportunities available to the potential high school graduate.
- An early graduate may return to participate in baccalaureate and graduation exercises subject to the regulations governing all graduates participating in the exercises.
- The Board must review and approve all requests for students to graduate in less than seven semesters.

Re-taking courses

Students may re-take courses at Monroe High School to refresh or build skills in various areas. When a course is failed and retaken, the failing grade remains on the transcript and is calculated in the GPA. In the case that a course is passed and taken a second time to improve a grade, both grades will be calculated in the GPA and be recorded on the transcript. Credit towards graduation will be counted only once. Special permission must be granted from administration to retake a course that was passed.

The following guidelines apply:

- Re-takes will be allowed if space and materials exist in the course. The classroom teacher, department chairperson, and administration if necessary will determine this.
- Teachers will be informed of and acknowledge all re-takes in their class.
- Students re-taking a class will be required to attend class and complete all course requirements.

Auditing courses

To encourage students to explore and be exposed to areas of the school curriculum that they may not otherwise experience, Monroe High School will allow students in Grade 12 to audit courses. The following regulations apply:

- Students are limited to one audit course per semester. This course will be considered a contact hour.
- Students auditing courses will receive no grade or credit for the audited course.
- Students must meet the prerequisites for the audited course.
- Audits will be allowed if space and materials exist in the course. The classroom teacher, department chairperson, and administration if necessary will determine this.
- Teachers will be informed of and acknowledge all audits in their class.
- Audit status may be changed to credit status only within the first five days of the semester. Courses taken for credit may not be changed to audit status.
- Auditing students will be required to attend the class and complete all instructor specified requirements.

Post High School Guidelines

Most Wisconsin Technical College Requirements:

- Two-year Associate Degree programs—recommend similar preparation as that described for the UW System.
- Associate Degree health programs require high school chemistry and ACT.
- Post-secondary testing (which could include ACT scores or Accuplacer) are required for admission to Technical College Programs.
- One-and two-year diploma programs—high school graduation, aptitude, and preparation in program area.

Private Colleges:

- Recommend similar preparation as that described for the UW system.

UW system

- Requires the ACT (American College Test) or SAT (Scholastic Aptitude Test) as part of the admissions process. Other colleges may require either the ACT or SAT.

For a precise list of admissions requirements and academic electives, consult the website of the university you wish to attend and/or visit student services.

- Graduation from a recognized high school or equivalent.
- Admission guidelines — The information below is taken from the Introduction to the University of Wisconsin System booklet. See <http://uwhelp.wisconsin.edu/admissions/freshman/guidelines.aspx>

	Middle 50% of admitted students (25% of admitted student are above this range and 25% are below)		
	<u>GPA</u>	<u>Rank %</u>	<u>ACT</u>
UW-Eau Claire		63rd-86th	22-27
UW-Green Bay	3.15-3.76		21-25
UW-LaCrosse		69th-90th	23-26
UW-Madison	3.8-4.0	86th -97th	27-32
UW-Oshkosh	3.09-3.66	18th -43rd	21-24
UW-Stevens Point	3.2-3.75	15th-40th	21-25
UW-Stout	3.05-3.50	18th-46th	21-24
UW-Whitewater	3.00-3.55	22nd-53rd	20-25

UW-Milwaukee likely to be admitted if in top 50% of class and have an ACT of at least 21

UW-Parkside likely to be admitted if in top 50% of class and have an ACT of at least 21

UW-Platteville likely to be admitted if in top 50% of class and have an ACT of at least 22

UW-River Falls likely to be admitted if in top 40% of class and have an ACT of at least 22

UW-Superior likely to be admitted if in top 50% of class and have an ACT of at least 21

UW-Colleges likely admitted if in top 75% of class and complete the ACT

- Students graduating from high school are to have a minimum of 17 high school credits distributed as follows:
 - Core College Preparatory — 13 credits
 - English 4 credits
 - Mathematics 3 credits (Algebra, Geometry and Algebra 2)
 - Social Science 3 credits
 - Natural Science 3 credits (Physical Science, Biology and Chemistry)
- Elective Credits — 4 credits
 - Choose from the above core college preparatory areas, foreign language*, fine arts, and other academic areas. Some UW system institutions may also accept vocational courses for some of these four electives.
 - TOTAL CREDITS — 17 credits
 - *UW Madison requires two credits of one foreign language for admission, however this is not a requirement for most colleges.

GRADUATION REQUIREMENTS

As you prepare to register for the 2017-2018 school year, please review past and future goals. How do classes you have taken or will take next year “fit” into your plans? Please use the following sheet as a planning guide. If you need further assistance, please feel free to contact us.

Amber Schade, School Psychologist
328-7243

Alicia Ziolkowski, Counselor
328-7123

Lisa Schmitt, Counselor
328-7258

Subject	Monroe Requirements	Subject	Entrance Requirements for MOST University of Wisconsin Schools*
	<ul style="list-style-type: none"> • 25 Total Credits • Successful completion of the following subject and credit requirements: 		<ul style="list-style-type: none"> • Rank in the top 30% to 50% of class • Successful completion of the following subjects:
English	4 Credits including: <ul style="list-style-type: none"> • English 9 (1credit) • English 10 (1 credit) • English 11 (1 credit) • 1 credit English 	English	4 Credits
Social Studies	3 Credits including: <ul style="list-style-type: none"> • The World Past and Present (1 credit) • US History (1 credit) • Choices in American Democracy (1 credit) 	Social Studies	3 Credits
Science	3 Credits: <ul style="list-style-type: none"> • Physical Science (1 credit) • Biology (1credit) • Chemistry (1 credit) 	Natural Science	3 Credits including: <ul style="list-style-type: none"> • Physical Science (1 credit) • Biology (1 credit) • Lab Science (1 credit)
Math	3 Credits	Math	3 Credits including: <ul style="list-style-type: none"> • Algebra (1 credit) • Geometry (1 credit) • Algebra 2 (1 credit)
Physical Education	1.5 Credits including: <ul style="list-style-type: none"> • Physical Ed. 9 (.5 credit) • 2 additional • semesters of electives in PE 	World Languages	Recommended: 2 years of a single World Language (UW-Madison requires 2 years of a single world language for entrance) Please verify the entrance requirements for the school(s) you are interested in attending.
Health	.5 Credit (Sophomore year)	Health	None
Financial Literacy	.5 credit <ul style="list-style-type: none"> • Personal Finance, On Your Own, or CAPP Personal Finance 	Financial Literacy	None
Electives	9.5 Credits	Electives	4 Credits
Total Credits	25 Credits	Total Credits	* For more information regarding requirements for the University of Wisconsin System, pick up a UW handbook from student services or go to www.uwhelp.wisconsin.edu

Information You Should Know.....

Almost all career possibilities can be found within 16 Career Clusters. They are: Agriculture, Food & Natural Resources; Architecture & Construction; Arts, A/V, Technology & Communications; Business, Management & Administration; Education & Training; Finance; Government & Public Administration; Health Science; Hospitality & Tourism; Human Services; Information Technology; Law, Public Safety & Security; Manufacturing; Marketing, Sales & Service; Science, Technology, Engineering & Mathematics; and Transportation, Distribution & Logistics. The clusters are briefly described on the following pages. To find out more information, go to the Department of Public Instruction's website at <http://dpi.wi.gov/cte/pathways.html>.

Students at Monroe High School are fortunate to have the opportunity to take coursework relevant to all 16 Career Clusters. Utilizing the 16 Career Clusters, students can identify pathways from high school to two- and four-year colleges, graduate school, and/or directly to the workplace. By connecting education to future goals, students are motivated to work harder and enroll in more rigorous courses. Communicating career and educational goals to your school counselor.

Sixteen Career Clusters and Their Pathways

Agriculture, Food & Natural Resources

Agribusiness Systems
Animal Systems
Environmental Service Systems
Food Products and Processing Systems
Natural Resources Systems
Plant Systems
Power, Structural and Technical Systems

Architecture and Construction

Construction
Design/Pre-Construction
Maintenance/Operations

Arts, Audio/Video Technology & Communications

Audio and Video Technology and Film
Journalism and Broadcasting
Performing Arts
Printing Technology
Telecommunications
Visual Arts

Business Management & Administration

Administrative Support
Business Information Management
General Management
Human Resources Management
Operations Management

Education & Training

Administration and Administrative Support
Professional Support Services
Teaching/Training

Finance

Accounting
Banking Services
Business Finance

Insurance
Securities and Investments

Government & Public Administration

Foreign Service
Governance
National Security
Planning
Public Management and Administration
Regulation
Revenue and Taxation

Health Science

Biotechnology Research and Development
Diagnostic Services
Health Informatics
Support Services
Therapeutic Services

Hospitality & Tourism

Lodging
Recreation, Amusements and Attractions
Restaurants and Food/Beverage Services
Travel and Tourism

Human Services

Consumer Services
Counseling and Mental Health Services
Early Childhood Development and Services
Family and Community Services
Personal Care Services

Information Technology

Information Support and Services
Network Systems
Programming and Software Development

Web and Digital Communications

Law, Public Safety, Corrections & Security

Correction Services
Emergency and Fire Management Services
Law Enforcement Services
Legal Services
Security and Protective Services

Manufacturing

Health, Safety and Environmental Assurance
Logistics and Inventory Control
Maintenance, Installation and Repair
Manufacturing Production Process Development
Production
Quality Assurance

Marketing

Marketing Communications
Marketing Management
Marketing Research
Merchandising
Professional Sales

Science, Technology, Engineering & Mathematics

Engineering and Technology
Science and Math

Transportation, Distribution & Logistics

Facility and Mobile Equipment Maintenance
Health, Safety and Environmental Management
Logistics Planning and Management Services
Sales and Service
Transportation Operations

Transportation Systems/Infrastructure
Planning, Management, and Regulation
Warehousing and Distribution Center
Operations

Teaching Assistant

The Teacher Assistant (TA) program will focus on assisting teachers in a classroom by tutoring students and actively becoming a part of the educational process for one period per day. The experience can be for one semester or for an entire year. Students may obtain an MHS Teaching Assistant Application in Student Services. Students will not be able to request Teacher's Assistant in Skyward. A student should select alternative classes and if the application is approved the student's schedule will be adjusted to allow for the class.

Students are expected to demonstrate professionalism and responsibility throughout the entirety of their TA assignment. Responsibilities include but are not limited to:

- **Attendance** – Students are expected to demonstrate near-perfect to perfect attendance at their respective assignments.
- **Behavior** – Students are expected to model appropriate respectful behavior, especially when working directly with students. Additionally, students must follow all Monroe School District policies and procedures.
- **Appearance** – Students are expected to model appropriate attire and grooming at their respective assignments, consistent with the MHS dress code.
- **Log** – Students must complete a log each day summarizing what they accomplished in the placement. This log must be turned in weekly.

Youth Apprenticeship

Students registering for their Junior or Senior year are eligible for the Youth Apprenticeship Program offered through the Rock County School-to-Work Consortium. Programs are designed to allow students to explore a broad career field while gaining more intensive study and a range of work-based experiences in that field. Students entering the program in their Junior year receive credit for four semesters of classes and four semesters of work-based learning, which are typically offered outside the school day. Students entering the program in their Senior year will take two semesters of classes and work-based learning. Requirements to receive an Occupational Proficiency Skills Certificate issued by the Wisconsin Department of Workforce Solutions:

Level Two

- ◆ Graduate from high school
- ◆ Complete two years of coursework
- ◆ Complete required work-based skills
- ◆ Work a minimum of 900 hours at an approved worksite

Level One

- ◆ Graduate from high school
- ◆ Complete one year of coursework
- ◆ Complete required work-based skills
- ◆ Work a minimum of 450 hours at approved worksite

Considerations for Selection

1. Complete an application form, including references.
2. Provide grade transcripts. A grade point average of 2.0 on a 4.0 scale is recommended.
3. Provide attendance records. A 96% attendance rate is recommended.
4. Complete a job shadow at a worksite in your program area.
5. Complete an interview with the program coordinator and/or potential employers.

6. Comply with possible employment requests: finger printing, drug testing (with results provided to parents), and/or purchase of appropriate career apparel/uniform.
7. Accept part-time employment at an approved work-based learning site.

The number of students selected will be open, depending on the number of work-based learning positions available. **An accepted application does not guarantee placement.**

See Student Services for more information on Youth Apprenticeship. Students may apply for a youth apprenticeship in one of the following areas:

Agriculture, Food, and Natural Resources - YAA

The Agriculture, Food, and Natural Resources Youth Apprenticeship offers exposure to careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services with the choices of three pathways: Animal Systems, Agribusiness Systems, and Plant Systems. Worksites for the AFNR YA program are farm settings, landscaping businesses, nurseries, greenhouses, floral shops, ranches, veterinary clinics and/or lab animal research centers. Agriculture YA students are required to perform all of the Core Employability and Safety skills at the worksite. Ag YA students would take AG courses in the pathway of interest such as; Animal Science, Veterinary Science, Plant Sciences, Advanced Horticulture at the high school or Agriculture classes from Blackhawk Technical College. In addition, Level One (one year) YA students choose one pathway of technical competencies for working with plants OR with animals, complete 2 semesters of related instruction and work a minimum of 450 hours. In the second year, Level Two YA students will further develop basic skills specific to their work-site setting and area of interest, complete 2 pathway units, 4 semesters of related instruction and work 900 hours. In the Animal Pathway, YA students may choose to work with large or herd animals, while others may care for small companion or lab research animals. YA students in the Plant Pathway may choose to work with Crops growing food, feed or fiber; in Nurseries and Green-house growing house growing decorative plants; or in Landscaping to create and maintain landscaped spaces.

Financial Services - YAF

Financial Services Youth Apprentices gain exposure to careers in banks, financial institutions, businesses, and insurance agencies through completion of the following courses: Principles of Financial Institutions, Operations for Financial Institutions, Marketing for Financial Institutions, and Business Law for Financial Institutions. Classroom instruction is offered through Southwestern Wisconsin Technical College via online internet classes and/or at Monroe High School in Accounting. Up to 12 transcribed credits or advance standing credits can be earned. In addition, student work-based learning experiences will include the teller line, customer service, lending, and operations functions of a financial institution, accounting practices and/or insurance services. Students can choose to work in the Business Financial Management Pathway with accounting services, the Banking and Related Services Pathway in a bank or the Insurance Pathway at an insurance agency. In **Level One**, students must complete a minimum of one unit, two semesters of related instruction, and 450 work hours within the one year. In **Level Two**, students must complete a minimum of two units, four semesters of related instruction, and 900 work hours within the two years.



Health Services - YAH

Students in the **Health Services Youth Apprenticeship Program** will complete a Job shadow prior to application acceptance to determine in which specialty area they will study and work. Specialty Areas are: Health Care Foundations, Health Information Management, Medical Assistant, Nursing Assistant, and Pharmacy Technician (senior year only). For **Level One**, students in the HCF, MA and NA Specialty Areas must complete the Skilled Nursing Assistant Course during the summer and pass the certification exam before starting work in the fall. For MA, they are required



to take Medical Terminology for the second course, either spring or fall semester. For HCF, HIM, NA and PT, students may take either Medical Terminology or Intro to Health Record. Health courses are taken at Blackhawk Technical College-Monroe Campus or online. For HIM, students take Word/Information Processing or Computer Applications and Office Applications at Monroe High School. Students complete a minimum of 450 work hours at a nursing home and/or clinic/hospital and 2 semesters of related instruction. For **Level Two**, students are required to complete four Specialty Area-related courses designed to assist them in earning all required health services competencies and acquire skills. A minimum of 4 semesters of related instruction and 900 work hours at a nursing home and/or a clinic/hospital are required. The Phlebotomist Certification program may also be completed by taking coursework at BTC followed by a practicum at the Monroe Clinic. Successful completion allows the student the opportunity to take the Phlebotomist Certification exam. Students enrolled in the Health Services Youth Apprenticeship Program earn 8 – 12 transcribed credits with BTC. In this program, students are responsible for transportation to classes and work. Students are also responsible for uniforms and nursing shoes for work. **Note: Due to the nature of this program, human growth and development issues, as well as other sensitive topics, are covered.**

Hospitality, Lodging and Tourism - YAHLT

The **Hospitality, Lodging and Tourism Youth Apprenticeship Program** is applicable for students interested in customer service, culinary arts, travel, tourism, lodging or a business management career. All students must complete the core hospitality and tourism foundational competencies in employability skills, customer service, safety, security, and basic hospitality and tourism fundamentals. For **Level One**, students must complete 180 hours (2 semesters) of classroom instruction at Monroe High School and work for a minimum of 450 hours, completing at least two units within one year. **For Level Two**, students must complete 360 hours (4 semesters) of classroom instruction at Monroe High School and work for a minimum of 900 hours, completing at least four units within two years. Students can choose from units in the Restaurant & Food/ Beverage Services Pathway or the Lodging Pathway. Students would take classes such as Food Prep, F.A.S.T Foods, Creative Meals, or Catering in Family and Consumer Science for the Kitchen & Dining units; Marketing Concepts, Business Communications, Accounting, or Sports & Entertainment Management in Business and Marketing for the Marketing and Sales units; or Power & Energy, Small Engines, Metals/ Woods Processes, Construction Trades or Maintenance for the Maintenance and Grounds unit in Technology and Engineering at Monroe High School. Students enrolled in the program may earn advanced standing credit at a Wisconsin Technical College offering this degree program.

Information Technology - YAIT

In the **Information Technology Youth Apprenticeship Program**, students may choose one year of classroom instruction at their high schools with a minimum of 450 work hours, or two years of classroom instruction with a minimum of 900 work hours. Industry mentors teach youth apprentices the skills and knowledge needed to find entry-level employment in the information technology industry. Students take these Business courses: **MS Office 10005** the first year and **Web Technologies 10201** the second year. After successful completion of program requirements, students receive a Certificate of Occupational Proficiency from the Department of Workforce Solutions and may receive Advanced Standing Credit from BTC or any Wisconsin Technical College offering the related associate degree program. Successful completion of the program also qualifies YA's to pursue a number of industry certifications, including A+, Network+ and other Microsoft office certifications. Students are responsible for transportation to work. Students are also responsible for professional apparel for work.

Manufacturing - YAM

The **Manufacturing YA Program** is designed to provide students with a working understanding of core manufacturing industry skills and occupationally specific skills that serve as the standard for occupations in the manufacturing industry. Instruction currently takes place at high schools during the school day. Manufacturing YA students are required to perform all of the Core and Safety skills, as well as, the Manufacturing Fundamentals skills for EACH pathway they enroll in. **Level One (one year)** YA students working 450 hours are to choose additional competencies from a minimum of one Manufacturing Pathway from the following list: Production Pathways- Assembly & Packaging, Casting, Conditioning, Filling, Finishing, Forming, Joining/Combining, Machining- Grinder, Machining- Lathe, Machining- Machine Center, Molding, Separating OR Production Operations Management Pathway- Production Control and Quality Management. **Level Two (two year)** YA students working 900 hours are to complete competencies from a minimum of two Manufacturing Pathways from the list above. Students are responsible for transportation to work. Students are also responsible for professional apparel for work.

Welding - YAW

In the **Welding Youth Apprenticeship Program**, students will receive instruction in cutting processes, welding processes, blueprint reading, and related manufacturing/fabrication techniques. Instruction currently takes place at high schools during the school day. Students will be employed as welders at their work-based learning site. A mentor will oversee training on the job. Students enrolled in this program will earn advanced-standing credits at Blackhawk Technical College. Students are responsible for transportation to classes and work, need to provide work boots, helmet and shield, and clothes/uniform appropriate to the workplace along with any specialized equipment required by employer.



Monroe High School Graduation Requirements

Subject	Monroe Graduation Requirements
	-25 Total Credits -Successful completion of the following subject and credit requirements:
English	4 Credits including: <input type="checkbox"/> English 9 (1 credit) <input type="checkbox"/> English 10 (1 credit) <input type="checkbox"/> English 11 (1 credit) <input type="checkbox"/> 1 credit English elective
Social Studies	3 Credits including: <input type="checkbox"/> The World Past and Present (1 credit) – 9 th gr. <input type="checkbox"/> U.S. History (1 credit) - 10 th grade <input type="checkbox"/> Choices in American Democracy (1 credit) - 11 th grade
Science	3 Credits including: <input type="checkbox"/> Principles of Physical Science (1 credit) 9 th gr <input type="checkbox"/> Biology (1 credit) 10 th gr <input type="checkbox"/> Chemistry (1 credit) 11 th grade
Math	3 Credits <input type="checkbox"/> 1 credit math sequence <input type="checkbox"/> 1 credit math sequence <input type="checkbox"/> 1 credit math sequence
Financial Literacy	.5 credit <input type="checkbox"/> Earned by passing ONE of these courses: Personal Finance ,On Your Own, or CAPP Personal Finance
Physical Education	1.5 Credits including: <input type="checkbox"/> PE 9 (.5 credit) <input type="checkbox"/> 1 credit Physical Education elective
Health	<input type="checkbox"/> .5 Credit (10 th grade)
Electives	9.5 Credits
Total Credits	25 credits *must have 6 classes each semester*

Four Year Planning Guide			
	9 th Grade - Semester 1		9 th Grade - Semester 2
1	English 9	1	English 9
2	Math	2	Math
3	Principles of Physical Science	3	Principles of Physical Science
4	The World Past & Present	4	The World Past & Present
5	PE 9 (.5 credit)	5	
6		6	
7		7	
8		8	
	10 th Grade – Semester 1		10 th Grade – Semester 2
1	English 10	1	English 10
2	Math	2	Math
3	U.S. History	3	U.S. History
4	Biology	4	Biology
5	Health (.5 credit)	5	PE (.5 credit)
6		6	
7		7	
8		8	
	11 th Grade – Semester 1		11 th Grade – Semester 2
1	English 11	1	English 11
2	Math	2	Math
3	Choices in Am. Democracy	3	Choices in Am. Democracy
4	Chemistry	4	Chemistry
5	Phy Ed (.5 credit)	5	
6		6	
7		7	
8		8	
	12 th Grade - Semester 1		12 th Grade - Semester 1
1	English	1	English
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

AGRICULTURE

Course	Name	Fee	Grade	Credits	Special
18001	AGRI SCIENCE		9-12	0.5	
18003	AGRI SCIENCE II		9-12	0.5	
18504	NATURAL SCIENCE ES		9-12	0.5	
18101	ANIMAL SCIENCE ES		9-12	0.5	Adv. Stand
18105	VETERINARY SCIENCE ES		10-12	0.5	
18099	PLANT AND SOIL SCIENCE ES		9-12	0.5	Adv. Stand
18054	HORTICULTURE AND LANDSCAPE MANAGMENT		11-12	0.5	
18201	AGRICULTURAL COMMUNICATIONS AND MARKET.		9-12	0.5	
18308	BIOFUELS AND BIOTECHNOLOGY		11-12	0.5	
18502	FORESTRY AND CONSERVATION		11-12	0.5	
18203	AGRICULTURAL LEADERSHIP		12	.5/1	
18107	ANIMAL NUTRITION AND MANAG.		10-12	.5	
18104	EQUINE AND EXOTICS		10-12	.5	
18102	SMALL ANIMAL CARE		9-12	.5	

ART

Course	Name	Fee	Grade	Credits	Special
05154G	VISUAL STUDIES	\$30.00	9-12	0.5	
05155G	WATERCOLORS 1	\$30.00	9-12	0.5	
05155E	WATERCOLORS 2	\$30.00	9-12	0.5	
05156G	DRAWING 1	\$30.00	9-12	0.5	
05156E	DRAWING 2	\$30.00	9-12	0.5	
05157G	PAINTING 1	\$30.00	9-12	0.5	
05157E	PAINTING 2	\$30.00	9-12	0.5	
05158G	3-D CONCEPTS 1	\$30.00	9-12	0.5	
05158E	3-D CONCEPTS 2	\$30.00	9-12	0.5	
05159G	CERAMICS 1	\$30.00	9-12	0.5	
05159E	CERAMICS 2	\$30.00	9-12	0.5	
05166G	JEWELRY/ART METAL 1	\$30.00	9-12	0.5	
05166E	JEWELRY ART METAL 2	\$30.00	9-12	0.5	
05169G	COMPUTER GRAPHICS/ANIMATION 1	\$10.00	9-12	0.5	
05169E	COMPUTER GRAPHICS/ANIMATIO 2	\$10.00	9-12	0.5	
05199	ART 3	\$30.00	10-12	0.5	
05172E	AP STUDIO ART:2-D DESIGN	\$60.00	11-12	1	Weight 1.0
05171E	AP STUDIO ART:3-D DESIGN	\$60.00	11-12	1	Weight 1.0
05153E	AP ART HISTORY		11-12	1	Weight 1.0

BUSINESS

Course	Name	Fee	Grade	Credits	Special
10005	MICROSOFT OFFICE		9-12	0.5	Adv. Stand
10201	WEB TECHNOLOGIES		9-12	0.5	
12001	BUSINESS CONCEPTS	\$10.00	9-12	0.5	
12103	PERSONAL FINANCE	\$10.00	9-12	0.5	
12151	MARKETING CONCEPTS	\$10.00	10-12	0.5	
12052I	BUSINESS INTERNSHIP		11-12	0.5	
12104	ACCOUNTING	\$20.00	10-12	1	Adv. Stand
12104C	COLLEGE ACCOUNTING		11-12	1	Weight .5
12054	BUSINESS LAW	\$10.00	10-12	0.5	
12163	SPORTS/ENTERTAINMENT MANAGEMENT	\$10.00	10-12	0.5	
12053	ENTREPRENEURSHIP	\$10.00	10-12	0.5	
12998	SCHOOL STORE MANAGER		11-12	.5/1	
12052	BUSINESS MANAGEMENT		10-12	0.5	

BUSINESS continued					
22206B	ON YOUR OWN		10-12	.5	
12103C	PERSONAL FINANCE CAPP	\$300.00 or UW-O fee	11-12	0.5	Weight 1.0
ENGLISH					
Course	Name	Fee	Grade	Credits	Special
01001	ENGLISH 9		9	1	
01002	ENGLISH 10		10	1	
01003	ENGLISH 11		11	1	
01099G	LITERATURE & COMPOSITION WITH MEDIA		11-12	0.5	
01061	POPULAR LIT		11-12	0.5	
01056A	CLASSIC LITERATURE		11-12	0.5	Weight .5
01056B	CLASSIC LITERATURE		11-12	0.5	Weight .5
01006	AP LITERATURE AND COMPOSITION	\$25.00	11-12	1	Weight 1.0
01105	ADVANCED WRITING	\$45.00	11-12	0.5	Weight.5
01103	WRITTEN COMMUNICATIONS		11-12	0.5	Adv. Stand
01104	CREATIVE WRITING		11-12	0.5	
01058	MYTHS and LEGENDS		11-12	0.5	
01156	CAREER COMMUNICATIONS		11-12	.5	
01067	READING WORKSHOP (Not an English Credit)		9-12	1.0	
FAMILY AND CONSUMER					
Course	Name	Fee	Grade	Credits	Special
16053G	FOOD SCIENCE AND SANITATION	\$20.00	10-12	0.5	Adv. Stand
16057G	ORIENTATION TO CATERING		11-12	0.5	
22202G	INTRO TO FOOD PREP	\$20.00	9-12	0.5	
22205G	TEXTILES	\$15.00	9-12	0.5	
22206G	CHILD DEVELOPMENT		10-12	0.5	
INSTRUMENTAL MUSIC					
Course	Name	Fee	Grade	Credits	Special
05102	CONCERT BAND		9-12	1	
05106	WIND ENSMBLE		9-12	1	
05105	JAZZ BAND (0-Hour)		9-12	.5	Year Long
	PIANO				
MATHEMATICS					
Course	Name	Fee	Grade	Credits	Special
02056	ALGEBRA 2		9-12	1	
02124E	AP CALCULUS AB		9-12	1	Weight 1.0
02125	AP CALCULUS BC		9-12	1	Weight 1.0
02052	ALGEBRA		9-10	1	
02203	AP STATISTICS		9-12	1	Weight 1.0
02072	GEOMETRY		9-11	1	
02108	ADVANCED MATH		9-12	1	
02110	PRECALCULUS		9-12	1	Weight .5
PHYSICAL EDUCATION AND HEALTH					
Course	Name	Fee	Grade	Credits	Special
08051	HEALTH		10-11	0.5	
08001	PHYSICAL EDUCATION 9		9	0.5	
Application	PHYSICAL EDUCATION 9- STRENGTH & CONDITIONING- APPLICATION REQUIRED		9	0.5	
08005	PHY ED - PERSONAL FITNESS		10-12	0.5	
08016	PHY ED - ADV. ADVENTURE ED		10-12	0.5	

Physical Education and Health continued					
08009	PHY ED - STRENGTH & CONDITIONING		10-12	0.5	
080090	0-HOUR PHY ED - STRENGTH & CONDITIONING		10-12	0.5	

SCIENCE

Course	Name	Fee	Grade	Credits	Special
03051	BIOLOGY		10	1	
03102E	ADVANCE CHEMISTRY	\$15.00	12	1	Weight .5
03201	PRINCIPLES OF PHYSICAL SCIENCE		9	1	
03056	AP BIOLOGY	\$15.00	11-12	1	Weight 1.0
03101	CHEMISTRY		11	1	
03151	PHYSICS		11-12	1	Weight .5 Adv. Stand
03165	AP PHYICS		11-12	1	Weight 1.0
03053	PRINCIPLES OF THE BIOMEDICAL SCIENCES		9-12	1	Weight 1.0

SOCIAL STUDIES

Course	Name	Fee	Grade	Credits	Special
04051	THE WORLD PAST AND PRESENT		9	1	
04101	U.S. HISTORY		10	1	
04151	CHOICES IN AMERICAN DEMOCRACY		11	1	
04254S	SOCIAL PSYCHOLOGY		11-12	0.5	
04104	AP US HISTORY		10-12	1	Weight 1.0
04149	ISSUES IN AMERICAN SOCIETY		10-12	0.5	
04156	INTERNATIONAL ISSUES RELATED TO AMERICAN SOCIETY		10-12	0.5	
04256	AP PSYCHOLOGY		11-12	1	Weight 1.0
04254	INTRODUCTION TO PSYCHOLOGY		10-12	0.5	
04255	ABNORMAL PSYCHOLOGY		10-12	0.5	

TECHNOLOGY & ENGINEERING

Course	Name	Fee	Grade	Credits	Special
20101	POWER ENERGY AND TRANSPORTATION	\$10.00	9-12	0.5	
21006	PLTW-INTRO TO ENGINEERING DESIGN	\$20.00	9-12	1	Weight 1.0
13053A	WOODS MANUFACTURING PROCESS 1	\$40.00	9-12	0.5	
03055A	METAL MANUFACTURING PROCESS 1	\$20.00	9-12	0.5	
10002	COMPUTER AIDED DRAFTING & DESIGN (CADD)	\$10.00	9-12	0.5	
13053B	CABINET MAKING AND PROTOTYPING	\$70.00	10-12	1	
21103	ARCHITECTURAL ENGINEERING	\$10.00	10-12	0.5	
21006	ENGINEERING DESIGN	\$10.00	10-12	0.5	
13055B	METAL MANUFACTURING 2	\$30.00	10-12	1	
13055C	ADVANCED METALS MANUFACTURING	\$20.00	12	1	Weight.5 Adv. Stand
13207	INTRODUCTION TO WELDING	\$25.00	11-12	0.5	Adv. Stand
13208	INTERMEDIATE WELDING	\$25.00	11-12	0.5	Adv. Stand
20149	HOME MAINTENANCE AND REPAIR	\$10.00	11-12	0.5	
20110	SMALL ENGINES	\$10.00	10-12	0.5	
13099	LIGHT BUILDING CONSTRUCTION	\$20.00	10-12	0.5	
17003	ADVANCED CONSTRUCTION & MILLWORK	\$15.00	11-12	1.0	Adv. Stand
20106	AUTOMOTIVE TECHNOLOGY	\$10.00	11-12	1	
21004	PLTW-PRINCIPLES OF ENGINEERING	\$20.00	10-12	1	Weight 1.0
21007	PLTW-ENGINEER DESIGN DEVELOPMENT	\$20.00	11-12	1	Weight 1.0
21010G	PLTW-COMPUTER INTEGRATED MANUFACTURING	\$20.00	10-12	1	Weight 1.0

VOCAL MUSIC

Course	Name	Fee	Grade	Credits	Special
05110B	CHAMBER CHOIR		10-12	1	
05110A	CONCERT CHOIR		9-12	1	
05110W	WOMENS CHOIR		9-12	1	
05121	VOCAL JAZZ (0-Hour)		9-12	.5	Year Long

WORLD LANGUAGES

Course	Name	Fee	Grade	Credits	Special
06101	SPANISH 1		9-12	1	
06102	SPANISH 2		9-12	1	
06103B	ADVANCED SPANISH		11-12	1	
06108A	SPANISH IN CONTEXT		10-12	1	
06105	SPANISH 5		12	1	Weight 1.0
06105C	SPANISH 5 CAPP	\$500.00 or UW-O fee	12	1	Weight 1.0
06201	GERMAN 1		9-12	1	
06202	GERMAN 2		9-12	1	
06208A	GERMAN IN CONTEXT		10-12	1	
06203A	ADVANCED GERMAN		11-12	1	
06205	GERMAN 5		12	1	Weight 1.0
06205C	GERMAN 5 CAPP	\$500.00 or UW-O fee	12	1	Weight 1.0

ELECTIVES

Course	Name	Fee	Grade	Credits	Special
11101	YEARBOOK		9-12	1	
05113	MUSIC THEORY 1		9-12	0.5	
05113B	MUSIC THEORY 2		9-12	0.5	
05119A	MUSIC AND LYRICS A		10-12	0.5	
05119B	MUSIC AND LYRICS B		10-12	0.5	

Virtual Classes

Course	Name	Fee	Grade	Credits	Special
	All classes require an application to be accepted	Fee assessed if not passed			
	ANATOMY & PHYSIOLOGY		10-12	.5	
	ANTHROPOLOGY		10-12	.5	
	BOTANY & ZOOLOGY		10-12	.5	
	BRITISH & WORLD LITERATURE I		10-12	.5	
	BRITISH & WORLD LITERATURE II		10-12	.5	
	ETHICS		10-12	.5	
	GOTHIC LITERATURE		10-12	.5	
	HOSPITALITY & TOURISM		10-12	.5	
	JOURNALISM		10-12	.5	
	LAW & ETHICS		10-12	.5	
	MARINE SCIENCE		10-12	.5	
	MEDIA LITERACY		10-12	.5	
	METEOROLOGY		10-12	.5	
	AMERICAN SIGN LANGUAGE I		10-12	.5	
	AMERICAN SIGN LANGUAGE II		10-12	.5	
	AP COMPUTER SCIENCE		11-12	1	Weight 1.0
	AP LANGUAGE & COMPOSITION		11-12	1	Weight 1.0
	AP ENVIRONMENTAL SCIENCE		11-12	1	Weight 1.0
	AP EUROPEAN HISTORY		11-12	1	Weight 1.0
	AP MACRO ECONOMICS		11-12	.5	Weight 1.0
	AP GOVERNMENT & POLITICS		11-12	.5	Weight 1.0
	AP WORLD HISTORY		11-12	1	Weight 1.0
	MEDICAL TERMINOLOGY		11-12	.5	Weight 1.0

Students may select virtual courses in the Course Guide by completing the application on page 95. Students will not be allowed to request virtual courses electronically. By signing this application, a student understands that he/she must start and finish the courses in good standing in order to receive credit. The student understands that virtual courses are self-paced and no instructor will be assigned to assist him/her in this course at Monroe High School. The student understands that requesting this course will not guarantee that this course will be assigned to him/her this school year. Dropping the course(s) or failure in the course(s) will require repayment of any tuition or fees associated with the course. For a more complete description of course, please contact your school counselor.

Agriculture

Course Title Agriscience I	Course ID 18001	Semester 1	Grade 9-12	Credit 0.5
Special Notes/Requirements	Only offered to Freshmen or Sophomores or students who have not previously taken an Agriculture course.			
Course Description	Agriscience I introduces students to the range of agricultural opportunities and the pathways of study they may pursue. Science, mathematics, reading, and writing components are woven in the context of agriculture and students will use the introductory skills and knowledge developed in this course throughout the CASE™ curriculum. Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students will explore career and postsecondary opportunities in each area of the course.			
Units of Study	<ul style="list-style-type: none"> • Communication Methods • Science Processes 		<ul style="list-style-type: none"> • Agriculture Education • FFA and SAE 	

Course Title Agriscience II	Course ID 18003	Semester 2	Grade 9-12	Credit 0.5
Special Notes/Requirements	Only offered to Freshmen or Sophomores or students who have not previously taken an Agriculture course.			
Course Description	Agriscience II student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. For example, students will work in groups to determine the efficiency and environmental impacts of fuel sources in a practical learning exercise.			
Units of Study	<ul style="list-style-type: none"> • Natural Resources • Plants and Animals • Agriculture Mechanics 		<ul style="list-style-type: none"> • Agriculture Education • FFA and SAE 	

Agriculture

Course Title Animal Science ES	Course ID 18101	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Must have completed and passed with a C or better Agriscience I or Agriscience II (BTC Articulated)			
Course Description	Animal Science ES is designed to give students an advanced knowledge of production animals and the science that is surrounding the industry. Students will learn about the structural functions of reproduction, digestion, nervous, muscular and endocrine systems. Students will gain an understanding of technical areas such as growth hormones, artificial insemination, embryo transfer, heat synchronization, and cloning to improve efficient livestock production. Hands-on laboratories activities will be included. This course is science equivalents and count for part of the three high school units of science required for admission to UW institutions and is articulated with Blackhawk Technical College.			
Units of Study	<ul style="list-style-type: none"> • Animal Classification • Animal Reproduction • Animal Genetics • Animal Health & Behavior 			

Course Title Veterinary Science ES	Course ID 18105	Semester Both	Grade 10-12	Credit 0.5
Special Notes/Requirements	Must have completed and passed with a C or better Small Animal Care or Animal Science ES			
Course Description	This course is designed for students who have a sincere interest in a career related to small animals. If you plan to become a veterinarian, small animal technician, animal scientist, or animal researcher, then this course is highly recommended. Each student will complete hands on veterinary skills including weighing an animal, diagnosis and administering a treatment, cleaning, clipping, grooming, and practicing mock surgery procedures. Assessments will include quizzes, exams, lab practicums, and a final project dealing with one species that ties in all units previously discussed in the semester. This course is science equivalents and count for part of the three high school units of science required for admission to UW institutions.			
Units of Study	<ul style="list-style-type: none"> • Medical Terminology • Anatomy & Physiology • Scientific Research • Animal Welfare • Careers • Safety 			

Agriculture

Course Title Small Animal Care	Course ID 18102	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Must have completed and passed with a C or better Agriscience I or Agriscience II			
Course Description	This course is for students who enjoy domestic animals and want to learn more about the small animal industry and related careers. Animals discussed include dogs, cats, rabbits, small rodents, and other pet and laboratory animals. Topics discussed include safety, feeding, training, animal rights and welfare, anatomy, reproduction, health, behavior, housing, and equipment needed for care. Students will be working with animals in the classroom which will enhance the course materials.			
Units of Study	<ul style="list-style-type: none"> • Animal Classification • Pet Safety 		<ul style="list-style-type: none"> • Common Pet Breeds, Anatomy, and Care 	

Course Title Equine & Exotics	Course ID 18104	Semester Odd Years (2017-18)	Grade 10-12	Credit 0.5
Special Notes/Requirements	Must have completed and passed with a C or better Small Animal Care or Animal Science ES			
Course Description	In this course we will explore the anomalies of the animal world as we explore and learn about habitats, diet and adaptations animals have from land to sea and sky. Half the course will explore equine and half the course will explore exotics. In the exotic portion of the class we will explore the theory of evolution, differentiation between species, compare their habitats and individual species survival. In the equine portion of the class students will look in depth at horse history, breeds, uses, anatomy, physiology, recreation, care, diseases, management and current issues that horses face today. Horses may be used for actual labs to demonstrate digestion, tack equipment, anatomy, health care and other such uses.			
Units of Study	<ul style="list-style-type: none"> • Evolution • Species Classification 		<ul style="list-style-type: none"> • Equine Diet, Anatomy, Care and Diseases 	

Agriculture

Course Title	Course ID	Semester	Grade	Credit
Animal Nutrition and Management	18107	Even Years (2018-19)	10-12	0.5
Special Notes/Requirements	Must have completed and passed with a C or better Small Animal Care or Animal Science ES			
Course Description	Students who complete this course will have an advanced knowledge of production animals including the proper management techniques that are surrounding the industry. The course deals with classification and function of nutrients, deficiency symptoms, digestive processes, characterization of feedstuffs, and formulation of diets for domestic animals. The principals apply to all mammalian and avian species, but will be applied especially to swine, beef cattle, dairy cattle, poultry and horses. Hands-on lab activities will be included.			
Units of Study	<ul style="list-style-type: none"> • History of Nutrition • Feeding Practices • Feed Rations 		<ul style="list-style-type: none"> • Management Systems • Symptoms of Deficiencies 	

Course Title	Course ID	Semester	Grade	Credit
Plant & Soil Science ES	18099	2	9-12	0.5
Special Notes/Requirements	Must have completed and passed with a C or better Agriscience I or Agriscience II. (BTC Articulated)			
Course Description	This course is designed to give students a progressive knowledge of plant and soils science and the surrounding industry. Students will learn about the cellular structure and functions of plants, plant reproduction, plant anatomy, growing requirements of plants, soil elements, crops, forages and common greenhouse operations. Students will gain an understanding of technical areas such as growth hormones, effects on germination, structure and function of plant components, weed and water management, and methods to improve efficiency of crop production. Hands-on laboratories activities will be included through the duration of the course. This course is science equivalents and count for part of the three high school units of science required for admission to UW institutions and is articulated with Blackhawk Technical College.			
Units of Study	<ul style="list-style-type: none"> • Plant Physiology • Reproduction 		<ul style="list-style-type: none"> • Propagation • Genetics 	

Agriculture

Course Title	Course ID	Semester	Grade	Credit
Horticulture and Landscape Management	18054	2	11-12	0.5
Special Notes/Requirements	Must have completed and passed with a C or better Plant & Soil Science ES.			
Course Description	This semester course is designed to provide students with a practical background in greenhouse management. Students will learn about various forms of plant propagation such as cutting, grafting, and dividing. Basic landscape design will be covered. FFA/Leadership topics will also be discussed.			
Units of Study	<ul style="list-style-type: none"> • Plant Propagation • Greenhouse Management 		<ul style="list-style-type: none"> • Landscape Design and Installation 	

Course Title	Course ID	Semester	Grade	Credit
Natural Science ES	18504	1	9-12	0.5
Special Notes/Requirements	Must have completed and passed with a C or better Agriscience I or II.			
Course Description	This course examines how America's resources provide esthetic, scientific, recreational and economic benefits. Units of study include the principles of fish and wildlife management, i.e., ecology, history of wildlife management, small game, big game, fur bearing animals, fish management, game laws and issues, endangered and threatened species, and aquaculture. This course is science equivalents and count for part of the three high school units of science required for admission to UW institutions.			
Units of Study	<ul style="list-style-type: none"> • Managing Wildlife • Wildlife Populations 		<ul style="list-style-type: none"> • Fish and Game • Renewable Energy 	

Course Title	Course ID	Semester	Grade	Credit
Forestry and Conservation	18502	Even Years (2018-19)	11-12	0.5
Special Notes/Requirements	Must have passed and passed with a C or better Natural Science ES.			
Course Description	During this course, students will completing a variety of assignments ranging from completing research on forests in Wisconsin to exploring trees and forest ecosystems in their backyard. Students also have the opportunity to engage in discussions about current events that deal directly with forestry and ecology.			
Units of Study	<ul style="list-style-type: none"> • Tree Anatomy and Physiology • Tree ID 		<ul style="list-style-type: none"> • Silviculture • Forest Management • Forest Ecology 	

Agriculture

Course Title	Course ID	Semester	Grade	Credit
Agriculture Leadership	18203	Both	12	0.5 to 1.0
Special Notes/Requirements	Must have previously taken an agriculture course, be of Senior status or be an FFA Officer.			
Course Description	Agricultural Leadership will provide students with an opportunity to work on FFA leadership activities involving the chapter program of activities. The use of the computer in record keeping and award applications will also be discussed. This course places emphasis on developing leadership skills. This class does not meet during a set hour of the day.			
Units of Study	<ul style="list-style-type: none"> • Program of Activities • Leadership Development 		<ul style="list-style-type: none"> • Chapter Awards • FFA Sales 	

Course Title	Course ID	Semester	Grade	Credit
Agricultural Communications and Marketing	18201	Both	9-12	0.5
Special Notes/Requirements	Must have completed and passed with a C or better Agriscience I or II.			
Course Description	Agriculture is a dynamic and changing industry. Through this course students will develop skills to tell the story of agriculture effectively. This class will explore perceptions about agriculture and how to market agricultural products.			
Units of Study	<ul style="list-style-type: none"> • Marketing • Effective Advertising and Social Media 		<ul style="list-style-type: none"> • Public Relations 	

Course Title	Course ID	Semester	Grade	Credit
Biofuels and Biotechnology	18308	Odd Years (2017-18)	11-12	0.5
Special Notes/Requirements	Must have passed and passed with a C or better Natural Science ES.			
Course Description	This course is a laboratory-based class that guides students through all topics related to renewable energy and alternative fuels. Students will also discuss issues related to biofuels and the biotechnology applications used to produce them.			
Units of Study	<ul style="list-style-type: none"> • Microbiology • Fermentation 		<ul style="list-style-type: none"> • Economic Impact of Biofuels 	

ART

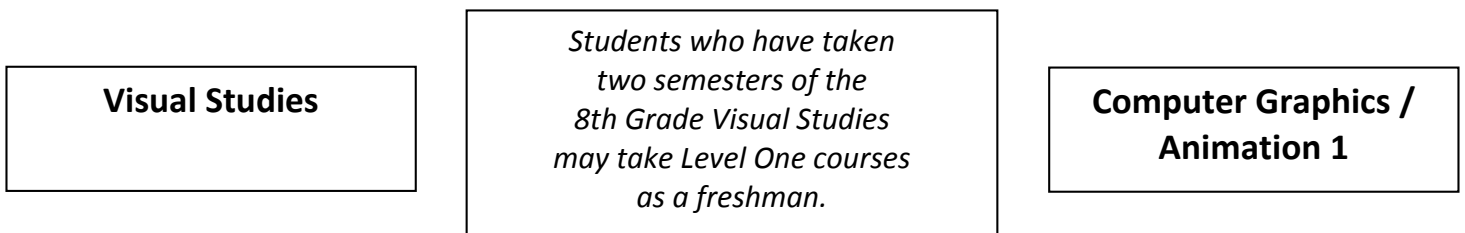
Students with general interest in art should start with our foundations course “Visual Studies”. This course is divided into two semesters, which are independent from each other. Students interested in drawing and painting should opt for Visual Studies if interested in three-dimensional art forms such as ceramics, sculpture, jewelry making, and printmaking. We do offer a foundations course in Computer Graphics, as well, for students interested in creating art using the computer as an art tool. These foundation courses open up doors to take upper level courses in interested art media areas such as Drawing Foundations, Painting, Ceramics, Sculpture, Jewelry, Watercolor, and Advanced Computer Graphics. Please review the art class progression to further understand how the courses progress.

FOUNDATION COURSES: The majority of class time is spent working on individual assignments with introductions given through lecture and demonstrations, including appropriate artists, art history, and art criticism examples. Within this class many judgments are made by students concerning visual images. Each student is graded based upon his or her own ability, as well as following the criteria for the project, students’ work ethic and attitude is included in the student evaluation. Teaching methods emphasize learning through doing.

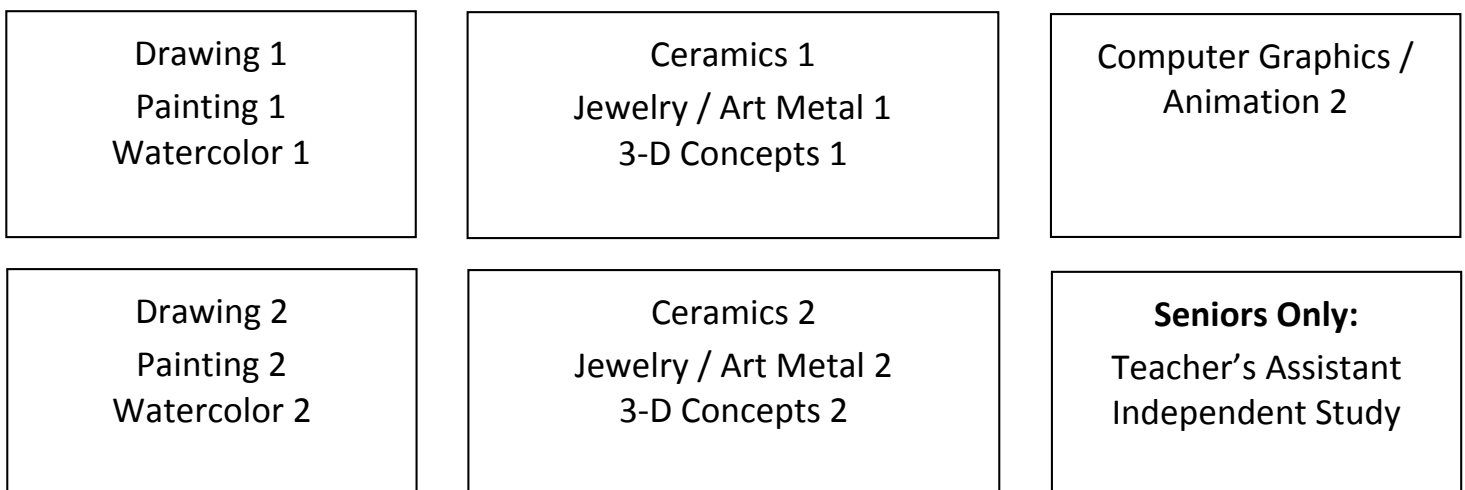
ART CLASS PROGRESSION

Grades 9-12

Foundation Courses



Level One & Two Courses



Level 3 Course – ART3

AP Courses

<p>AP Studio - 2-D</p> <p>AP Studio 3-D</p> <p>AP Art History (online)</p> <p>AP classes are for 11th and 12th Grade students and are yearlong</p> <p>** Teacher recommendation needed</p>
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Art

Course Title	Course ID	Semester	Grade	Credit
Visual Studies	05154G	Both	9-12	0.5
Special Notes/Requirements	Foundation Course Prerequisites—None Cost—\$30.00 lab fee			
Course Description	This is an introductory semester course. Visual Studies will emphasize the basic study using art materials that relate to the creation of both two-dimensional and three dimensional art works.			
Units of Study	<ul style="list-style-type: none"> • Drawing • Painting • Printmaking • Sculpture 		<ul style="list-style-type: none"> • Ceramics • Mix media • Art metals 	

Course Title	Course ID	Semester	Grade	Credit
Computer Graphics/Animation 1	15169G	Both	9-12	0.5
Special Notes/Requirements	Foundation Course Prerequisites—None Cost—\$10.00 lab fee			
Course Description	Computer Graphics is a studio course through the use of the computer as an art tool. Students will learn to use tools and techniques in Adobe Photoshop and Adobe Illustrator. This course will reemphasize the elements and principle basics that relate to the creation of two-dimensional art.			
Units of Study	<ul style="list-style-type: none"> • Computer drawing tool • Edit images • Create logos 		<ul style="list-style-type: none"> • T-shirt designs • Manipulate photo images • Animation 	

Art

Course Title Watercolor 1	Course ID 05155G	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Prerequisite— Visual Studies, Cost—\$30.00 lab fee Supply List—Sketchbook; Pencils; Drawing Eraser			
Course Description	This class is a study of transparent painting mediums using a variety of watercolor mediums. Students will be guided by demonstration in color mixing and introduced to a variety of techniques as they paint from life and imagination.			
Units of Study	<ul style="list-style-type: none"> • Experimental techniques will be explored • Paintings will be done in different formats, subjects and papers • Students will also be introduced to art criticism 			

Course Title Computer Graphics/Animation 2	Course ID 05169E	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Prerequisites—Computer Graphics 1 Cost—\$10.00 lab fee			
Course Description	This course is a studio course designed to run during the same class period as Computer Graphics. Graphic 2 students will assist graphic students, reviewing basic formula for composing art and using menu's, palettes and tools, develop advanced knowledge of vocabulary related to terminology used in production of a graphic piece, gain knowledge of art careers and art history as well as demonstrate the use of techniques and tools in executing			
Units of Study	<ul style="list-style-type: none"> • Poster Design • Drawing Graphic Images • Creating short animated films • Editing images • Composing Graphic Designs 			

Art

Course Title	Course ID	Semester	Grade	Credit
Watercolor 2	05155E	Both	9-12	0.5
Special Notes/Requirements	Prerequisite— Watercolor 1, Cost—\$30.00 lab fee Supply List—Sketchbook; Pencils; Drawing Eraser			
Course Description	An advanced studio course designed to run during the same class period as Watercolor (05155G). It is also designed as an independent way of continuing the study of Watercolor. Each student is evaluated in regard to ability, with emphasis on creative potential and class attitude, including self-motivation. The students will also assist with the instruction of the students who are in the Watercolor class.			
Units of Study	<ul style="list-style-type: none"> • Continue to experiment with techniques, formats, subjects and papers • Students will continue to critique art pieces through writing and verbally 			

Course Title	Course ID	Semester	Grade	Credit
Jewelry and Art Metals 1	05166G	Both	9-12	0.5
Special Notes/Requirements	Prerequisite— Visual Studies Cost—\$30.00 lab fee plus material costs Supply List—Additional fees for: Jewelry Saw Blades, base metals if student exceeds supplies included in their course fee (purchased through school)			
Course Description	This course focuses on creating jewelry pieces from a wide assortment of materials and techniques. Students will learn procedures for handling materials; visual composition and design principles helping to develop a creative approach to problem solutions as well as exploring traditional and contemporary design concepts through lectures, demonstrations, and creating original pieces			
Units of Study	<ul style="list-style-type: none"> • Beading • Bead making • Linking • Riveting 		<ul style="list-style-type: none"> • Stone setting • Base Metal Fabrication • Soldering • Basic skills of sawing, filing, and finishing 	

Art

Course Title	Course ID	Semester	Grade	Credit
Jewelry/Art Metals 2	05166E	Both	9-12	0.5
Special Notes/Requirements	Prerequisite— Jewelry/Art Metals 1 Cost—\$30.00 lab fee plus material costs Supply List—Additional fees for: Jewelry Saw Blades, base metals if student exceeds supplies included in their course fee (purchased through school)			
Course Description	An advanced studio course designed to run during the same class period as Art Metal (512). It is designed as an independent way of continuing the study of Art Metal. Each student is evaluated in regard to ability, with emphasis on creative potential and class attitude, including self-motivation. The student will also assist with the instruction of the students who are in the Art Metal class.			
Units of Study	<ul style="list-style-type: none"> • Sweat soldering • Join soldering • Casting • Linking • Riveting • Fabrication creating a 3-D form 			

Course Title	Course ID	Semester	Grade	Credit
Ceramics 1	05159G	Both	9-12	0.5
Special Notes/Requirements	Prerequisites—Visual Studies Cost—\$30.00 lab fee			
Course Description	This course will emphasize the basic study and use of clay materials, tools and techniques that relate to the creation of three-dimensional artwork. As well as exploring traditional and contemporary form and functional design concepts through lectures, demonstrations, creating original pieces.			
Units of Study	<ul style="list-style-type: none"> • Review of hand building techniques • Learn throwing on the potter's wheel • Sculpture techniques • Stacking and firing the kiln • Glazing • Overview of Art History and Art criticism 			

Art

Course Title Ceramics 2	Course ID 05159E	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Prerequisites—Ceramics 1 Cost—\$30.00 lab fee			
Course Description	An advanced studio course designed to run during the same class period as Ceramics 1. It is a continuing study of Ceramics. Students will assist with the instruction of Ceramic 1 students in the class.			
Units of Study	<ul style="list-style-type: none"> • Create a place setting • Forms made from hand built techniques • Lidded forms • Advanced throwing techniques using caliper's • Forms made from molds, and slip casting 			

Course Title Drawing 1	Course ID 05156G	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Recommended for students who have completed 8th Grade Art and/or Visual Studies . Students will need a Sketchbook Cost—\$30.00 lab fee			
Course Description	This is an introductory drawing course covering the study of the elements and principals of design, drawing techniques and media exploration.			
Units of Study	<ul style="list-style-type: none"> • Portraiture • Figure drawing • Perspective • Landscape • Scratchboard • Still-life • Mixed media • Art history and Art criticism 			

Course Title Drawing 2	Course ID 05156E	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Must complete Drawing 1 with a "C" or better Students will need a Sketchbook. Cost—\$30.00 lab fee			
Course Description	This is an advanced drawing course covering the understanding and application of the elements and principals of design, drawing techniques and media exploration.			
Units of Study	<ul style="list-style-type: none"> • Portraiture • Figure drawing • Perspective • Landscape • Clay board • Still-life • Mixed media • Art history and Art criticism 			

Art

Course Title 3D Concepts 1	Course ID 05158G	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Recommended for students who have completed 8th grade art and/or Visual Studies. Students will need a sketchbook. Cost—\$30.00 lab fee			
Course Description	This is an introductory 3D design course covering the elements and principles of design, sculpture techniques, media exploration, art history and art criticism.			
Units of Study	<ul style="list-style-type: none"> • Architecture • Additive & Reductive Sculpture • Clay sculpture • Bas Relief • Stained Glass • Mixed Media • Weaving 			

Course Title 3D Concepts 2	Course ID 05158E	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Must complete 3D Concepts 1 with a “C” or better Students will need a Sketchbook. Cost—\$30.00 lab fee			
Course Description	This is an advanced 3D Design course covering the understanding and application of the elements and principals of design, sculptural techniques, media exploration, art history and art criticism.			
Units of Study	<ul style="list-style-type: none"> • Architecture • Additive & Reductive Sculpture • Clay sculpture • Bas Relief • Stained Glass • Mixed Media • Weaving 			

Course Title Painting 1	Course ID 05157G	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Recommended for students who have completed 8th grade art and/or Visual Studies. Students will need a sketchbook. Cost—\$30.00 lab fee			
Course Description	This is an introductory acrylic painting course covering the elements and principles of design, acrylic painting techniques, media exploration, art history and art criticism.			
Units of Study	<ul style="list-style-type: none"> • Color theory/Mixing • Portraiture • Fauvism • Abstraction • Landscape • Still-Life • Mixed Media • Art history and art criticism 			

Art

Course Title Painting 2	Course ID 05157E	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	Must complete Painting 1 with a "C" or better Students will need a Sketchbook. Cost—\$30.00 lab fee			
Course Description	This is an advanced acrylic painting course covering the understanding and application of the elements and principles of design and color theory, acrylic painting techniques, media exploration, art history and art criticism.			
Units of Study	<ul style="list-style-type: none"> • Compositional Themes • Portraiture • Landscape 		<ul style="list-style-type: none"> • Still-Life • Mixed Media • Art history and art criticism 	

Course Title AP 2D Design	Course ID 05172E	Semester Year	Grade 9-12	Credit 0.5 (Weight 1.0)
Special Notes/Requirements	Recommended for juniors and seniors or students that have completed advanced 2D coursework in drawing, painting or computer graphics. Cost—\$60.00 lab fee			
Course Description	A full year Advanced Placement course covering the understanding and execution of the elements and principles of design, 2D compositional techniques and media exploration to compose 24 pieces of work to be submitted to AP Central for scoring and possible college credit.			
Units of Study	<ul style="list-style-type: none"> • 12 breadth works • 12 concentration works 		<ul style="list-style-type: none"> • Written art commentary • Art history and art criticism 	

Art

Course Title AP 3-D Studio Design	Course ID 05171E	Semester Year	Grade 9-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Cost: \$60.00. A full year course is recommended for Junior and Seniors dealing with a concentrated study in 3-D design; students benefit from taking Ceramics, Jewelry, and 3-D Concepts before entering this course.			
Course Description	This course is to develop a body of work through a depth of investigation and process of discovery through three defined areas of study. Student will have the opportunity to take the AP exam to obtain college credit upon completion of the course.			
Units of Study	<ul style="list-style-type: none"> • Concentration-students will create a series of related works • Breadth- students will demonstrate a serious grounding in visual principles and material techniques • Quality-permits the student to select the works that best exhibit a synthesis of form, technique, and content 			

Course Title AP Art History	Course ID 05153E	Semester Year	Grade 9-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Online format Cost: Fee for submitting your Portfolio to College Board. A full year course is recommended for Junior and Seniors			
Course Description	This art history course emphasizes the diverse historical and cultural contexts of Western art, with an introduction to art from a variety of cultures beyond the Western tradition.			
Units of Study	<ul style="list-style-type: none"> • Class covers art chronologically from Prehistoric times through to the Post-Modern Era • Students learn to examine and critically analyze major forms of artistic expression, including architecture, painting, and sculpture, as a reflection of a given civilization and time period 			

Art

Course Title Art 3	Course ID 05199	Semester Semester	Grade 10-12	Credit .5
Special Notes/Requirements	Cost: \$30.00			
Course Description	<p>This is a semester long advanced art studio course for sophomores, juniors and seniors who have completed levels 1 and 2 in a given content area(s) and would like to continue to develop skills, concepts and build a portfolio.</p> <p>The goal of this course is to advance the student’s ability to transform their original ideas into visual statements and be able to articulate the meaning of each piece and how it relates to their body of work created throughout the semester. This course will encourage self-exploration as well as guidance from the instructor in areas of Acrylic Painting, Drawing, Computer Graphics, Watercolor, Ceramics, Jewelry or 3D Concepts. Students are required to complete a minimum of 4 summative projects per quarter and develop a visual portfolio of their completed work. This class is recommended for students who work independently and are self-driven.</p>			
Units of Study	<ul style="list-style-type: none"> • Units vary by student 			

Business and Information Technology Education

Course Title Personal Finance	Course ID 12103	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	This course satisfies the Financial Literacy graduation requirement. \$10 fee for stock market simulation			
Course Description	Ever feel like you don't have enough money? In tough economic times, it is vital to know all you can about money and finance. This course will provide you with an understanding of how to make personal financial decisions as a teen and will provide you with a foundational understanding for making informed personal financial decisions.			
Units of Study	<ul style="list-style-type: none"> • Banks and Banking Systems • Budgeting • Credit • Insurance 		<ul style="list-style-type: none"> • Investing in the Stock Market • Saving • Taxes 	

Course Title Business Law	Course ID 12054	Semester Both	Grade 10-12	Credit 0.5
Special Notes/Requirements	\$10 fee for field trip			
Course Description	There are many situations where the law may have a major impact on your life as a teenager as well as the lives of adults and businesses. This course will provide an overview of our legal system, including statutes and regulations that affect businesses, families and individuals in a variety of ways. At the end of the semester, students will conduct a mock trial.			
Units of Study	<ul style="list-style-type: none"> • Constitutional Rights • Consumer Protection • Contract Law • Ethics • History, Development and Classification of Laws 		<ul style="list-style-type: none"> • Intellectual Property • Personal Law and Business Law related to Everyday Life • Social Responsibility • The Court System and Courtroom Procedures 	

Business and Information Technology Education

Course Title On Your Own	Course ID 22206G	Semester Both	Grade 10-12	Credit 0.5
Special Notes/Requirements	This course satisfies the Financial Literacy graduation requirement.			
Course Description	This one-semester course focuses on developing personal finance skills that encourage financial responsibility as a student, citizen, family member, consumer, and employee. On Your Own will provide fundamental coverage of money management, financial security, credit management, and risk management, as well as many other important skills for independent living.			
Units of Study	<ul style="list-style-type: none"> • Saving & Spending • Credit • Identity Theft • Budgeting • Understanding a paycheck 		<ul style="list-style-type: none"> • Buying a car • Insurance • Leases/Mortgages • Comparison Shopping • Living on your own 	

Course Title Accounting	Course ID 12104	Semester Year	Grade 10-12	Credit 1.0
Special Notes/Requirements	Fee required for workbook and simulation (BTC Articulated)			
Course Description	Accounting is the language of business and is predicted to have a 20 percent job outlook growth through 2024. This course will introduce students to fundamental accounting principles and basic financial records and preparation of financial statements for businesses and individuals. Students will complete an accounting simulation where they apply their knowledge to complete the bookkeeping for a small business. This course is highly recommended for any student planning a business career.			
Units of Study	<ul style="list-style-type: none"> • Accounting Careers • Accounting Cycle • Depreciation • Payroll 		<ul style="list-style-type: none"> • Merchandising Business as a Corporation • Service Businesses as a Sole Proprietorship 	

Business and Information Technology Education

Course Title College Accounting	Course ID 12104C	Semester Year	Grade 11-12	Credit 1.0 (Weight .5)
Special Notes/Requirements	Accounting or teacher approval required prerequisite This class is part of a pilot for AP Accounting. At this time, there is no AP exam for accounting; however, this course will prepare you for college-level accounting and to possibly test out of some accounting course work at the college level.			
Course Description	Students in this course will learn how businesses plan for and evaluate their operating, financing, and investing decisions and then how accounting systems gather and provide data to internal and external decision makers. This course covers all of the learning objectives of a traditional college-level financial accounting course, plus those from a managerial accounting course.			
Units of Study	<ul style="list-style-type: none"> • Accounting for Merchandising and Manufacturing • Accounting Information Systems • Debt and Equity • Financial Statements • Fixed Assets • Introduction to Accounting • Sales and Receivables • Time Value of Money 			

Course Title Business Internship	Course ID 12052I	Semester 1	Grade 11-12	Credit 0.5
Special Notes/Requirements	The Business Department recruits one or two students to intern. The hour is determined by student availability.			
Course Description	Students manage the business end of the MHS yearbook.			
Units of Study	Advertising and Marketing			

Business and Information Technology Education

Course Title CAPP Personal Finance	Course ID 12103C	Semester Both	Grade 11-12	Credit 0.5 (Weight 1.0)
Special Notes/Requirements	<p>This course satisfies the Financial Literacy graduation requirement.</p> <p>This course can be taken for MHS credit or BOTH MHS and college credit. To be eligible to take this class, you must meet <u>ONLY ONE</u> of the following requirements:</p> <ul style="list-style-type: none"> ▪ Class rank in the top 25 percent ▪ GPA of at least 3.25 on a 4.0 scale ▪ ACT score of 24 <u>and</u> one of the following: <ul style="list-style-type: none"> ○ a class ranking in the top 50 percent ○ GPA of 2.75 or above <p>*If you do not meet the eligibility requirements, you may be eligible with approval of the university liaison and high school instructor. See Mrs. Hendrickson if you do not meet the eligibility requirements but would like to take the course.</p> <p>Cost: Approximately \$300.00 or current discounted CAPP tuition for 3 credits at UW-Oshkosh(UW-O #231 Personal Finance)</p>			
Course Description	<p>CAPP (Cooperative Academic Partnership Program) Personal Finance is a finance course taught at Monroe High School that allows students to earn three college credits at UW-Oshkosh. Students may take this course for .5 Monroe High School credits at no cost <u>OR</u> .5 Monroe High School credits <u>and</u> three UW-Oshkosh credits with paid tuition.</p> <p>This course is designed to help students develop an understanding of important financial concepts, familiarize students with types of financial decisions typically encountered throughout adult life, and aid in the development analytical techniques necessary to make sound financial decisions. Topics will include housing, insurance, investing, real estate, budgeting, credit, money management, taxes, consumer purchasing strategies, and more.</p>			
Units of Study	<ul style="list-style-type: none"> • Budgeting • Consumer Purchasing Strategies • Credit • Housing • Insurance • Investing • Money Management • Real Estate • Taxes 			

Business and Information Technology Education

Course Title Entrepreneurship	Course ID 12053	Semester Both	Grade 10-12	Credit 0.5
Special Notes/Requirements	\$10 course fee Students will gain hands on experience working in the school store, <i>The Mouse House</i> .			
Course Description	This course will introduce the student to the concept of entrepreneurship and present entrepreneurship as a career path worthy of consideration. Through a variety of activities the students will discover as an entrepreneur how to identify business opportunities, obtain financing, select a site, balance finances, manage people and meet customer needs.			
Units of Study	<ul style="list-style-type: none"> • Should you be an entrepreneur? • Types of business ownership • Business plan development • Marketing your business • Staff hiring and management • Financing, protecting and insuring your business 			

Course Title Marketing Concepts	Course ID 12151	Semester Both	Grade 10-12	Credit 0.5
Special Notes/Requirements	Students will gain hands on experience working in the school store, <i>The Mouse House</i> . Cost—\$10.00			
Course Description	Do you find yourself liking certain commercials, humming jingles or buying a certain type of clothing brand? Find out how marketing makes that happen, by analyzing promotions, advertising and selling products. You will develop a better understanding of the marketing world and how to be a better consumer.			
Units of Study	<ul style="list-style-type: none"> • The basics of marketing • Marketing information and research • Marketing starts with customers • Competition is everywhere • E-commerce and social responsive marketing • Developing a marketing strategy • Developing successful products • Determining the best price • Be creative with advertising and effective promotion 			

Business and Information Technology Education

Course Title	Course ID	Semester	Grade	Credit
Sports & Entertainment Management	12163	Both	10-12	0.5
Special Notes/Requirements	\$10 fee for field trip			
Course Description	Interested in sports, movies and travel? This class offers you the opportunity to apply your knowledge of marketing to multi-billion dollar sports and entertainment industry. Learn how companies utilize athletes to promote products to a variety of fans. Develop an understanding of how places like Wisconsin Dells or Orlando become so popular.			
Units of Study	<ul style="list-style-type: none"> • Understanding the sports world • Understanding entertainment and tourism • Sponsorship • Promotion • Endorsement • Advertising • Publicity 			

Course Title	Course ID	Semester	Grade	Credit
Business Management	12052	Both	10-12	0.5
Special Notes/Requirements				
Course Description	Are you a leader? Management might be the right career path for you. Management is one of the fastest growing fields in the area of business. You will be introduced to the concepts and characteristics of management styles and structures of business. You will also explore your own leadership traits and how we can be better managers of our time, efforts and relating to others.			
Units of Study	<ul style="list-style-type: none"> • Human relations • Business structures • Leadership styles • Management decision making • Effective interpersonal skills • Teamwork 			

Business and Information Technology Education

Course Title Microsoft Office	Course ID 10005	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	BTC Articulated			
Course Description	This is a hands-on course where you will learn advanced techniques and skills for utilizing a variety of Microsoft Office products. As a proficient user of Microsoft Office products, you will be prepared to enter today's high-work environment or complete almost any post-secondary assignment. You also will have the opportunity to receive various Microsoft Certifications in Word, PowerPoint and Excel, Computer Science, and IT. If obtained, these industry certifications never expire and are very valuable to many employers. Learn the skills that will make you a success at work or in college by taking MS Office.			
Units of Study	<ul style="list-style-type: none"> • Microsoft Word • Microsoft Excel 		<ul style="list-style-type: none"> • Microsoft Access • Microsoft PowerPoint 	

Course Title Web Technologies	Course ID 10201	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements				
Course Description	In this hands-on course, you will first learn how to expand their computer knowledge and creativity. You will get started with InDesign, learning how to design and setup layouts. Then, you will learn how to utilize Illustrator, including how to create text and gradients, learn to draw and compose an illustration. Next, you will learn Photoshop, where you will be able to modify and enhance images. Finally, you will learn how to develop websites using Dreamweaver.			
Units of Study	<ul style="list-style-type: none"> • Adobe InDesign • Adobe Illustrator 		<ul style="list-style-type: none"> • Adobe Photoshop • Adobe Dreamweaver 	

Business and Information Technology Education

Course Title Business Concepts	Course ID 12001	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	\$10 fee required to cover the cost of the simulation. Students will complete the business community simulation <i>Mean Jeans</i>			
Course Description	This is a foundation course where students learn basic business concepts, terminologies, principles, ideas and skill sets. Additionally, students will use a computer software program and on-line resources to solve business problems, generate business documents, and simulate the business work environment.			
Units of Study	<ul style="list-style-type: none"> • Business structures • Management • Decision-making • Production and operations 		<ul style="list-style-type: none"> • Business marketing and sales • Customer service • Business ethics and social responsibility. 	

Course Title School Store Manager(s)	Course ID 12998	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	Prerequisites-APPLICATION REQUIRED. Applications may be obtained through Mrs. Bartels, Mrs. Hendrickson or Student Services. Managers will be selected by Business & Tech Staff. Must have taken or currently be taking Entrepreneurship (397) or Marketing Concepts (370)			
Course Description	The school store managers will be responsible for managing the school store, which is operated by the Entrepreneurship and Marketing Concepts classes.			
Units of Study	<ul style="list-style-type: none"> • Money management • Inventory management • Human resource management 		<ul style="list-style-type: none"> • Marketing and advertising • Product research 	

Elective

Course Title Music Theory 1	Course ID 05113	Semester 1	Grade 9-12	Credit .5
Special Notes/Requirements	Course Requirements: High School Band or Choir. Students are expected to have a pencil and folder with them in class each day.			
Course Description	This music class offers students the ability to learn about how Western music is organized and constructed. Students will learn the skills needed to produce a basic composition by the end of the course.			
Units of Study	<ul style="list-style-type: none"> • Music Notation/Literacy • Keys and Scales • Intervals • Ear Training • Chords • Cadences • Form/Structure • Melody • Voice/part leading • Harmony • Conducting • Composition 			

Course Title Music Theory 2	Course ID 05113B	Semester 2	Grade 9-12	Credit .5
Special Notes/Requirements	Course Requirements: Music Theory I. Students are expected to have a pencil and folder with them in class each day.			
Course Description	This music class is a continuation of Music Theory I, designed for those students wanting to pursue music in higher education.			
Units of Study	<ul style="list-style-type: none"> • Music Notation/Literacy • Keys and Scales • Intervals • Ear Training • Chords • Cadences • Form/Structure • Melody • Voice/part leading • Harmony • Conducting • Composition 			

Course Title	Course ID	Semester	Grade	Credit
Reading Workshop	01067	Both	9-11	0.5
Special Notes/Requirements	This course does NOT fulfill and English requirement			
Course Description	<p>This course focuses on the individual student with the goal of increasing students' reading comprehension skills based on the Common Core reading standards and the student's specific needs. Students will select novels and non-fiction articles of their choice to read throughout the semester and practice a variety of skills to strengthen their comprehension and immerse themselves in the reading zone.</p> <p>Student may be recommended for this course or may choose this course if they would like to immerse themselves in reading.</p>			

Course Title	Course ID	Semester	Grade	Credit
Music and Lyrics A	05119A	1	10-12	.5
Special Notes/Requirements	This course is team taught during one period by both an English and Vocal Music instructor.			
Course Description	<p>This course focuses on the analysis of classical and contemporary musical compositions from an instrumental, vocal, and lyrical position. Students will assess self-selected and teacher-selected compositions to understand, analyze, and evaluate the ways in which the music and lyrics enhance each other. Students will explore essential questions related to the discipline to interpret the purpose of art - in musical and lyrical forms - and its role in history, in modern society, and in our own lives.</p>			
Units of Study	<ul style="list-style-type: none"> • Instrumental Elements • Vocal Elements • Lyrical Elements • Analytical Writing • Academic Vocabulary • Musical Analysis • Performance Analysis 			

Elective

Course Title	Course ID	Semester	Grade	Credit
Music and Lyrics B	05119B	2	10-12	.5
Special Notes/Requirements	<p>This course is team taught during one period by both an English and Vocal Music instructor.</p> <p>While a basic musical understanding is not required, it is highly encouraged.</p>			
Course Description	<p>This course focuses on the composition of music from an instrumental, vocal, and lyrical position. Students will assess self-selected and teacher-selected compositions of various genres to understand, analyze, and evaluate the ways in which the music and lyrics enhance each other as a model for their own creations.</p>			
Units of Study	<ul style="list-style-type: none"> • Instrumental Elements • Vocal Elements • Lyrical Elements • Analytical Writing • Academic Vocabulary • Musical Analysis • Performance Analysis • Music Technology • Composition of original music and lyrics 			

Course Title	Course ID	Semester	Grade	Credit
Yearbook	11101	Year	9-12	1.0
Special Notes/Requirements	<p>Application is required. See page 96, Mrs. Dilley or Student Services for an application (Not an English credit)</p>			
Course Description	<p>Create, edit, and 2017-17 M-Book</p>			
Units of Study	<ul style="list-style-type: none"> • Photography • Graphic Design • Photo Editing • Journalism 			

English

Course Title English 9	Course ID 01001	Semester Year	Grade 9	Credit 1.0
Special Notes/Requirements	Students will be placed in course sections based on assessment data.			
Course Description	Skill focus will be on improving and developing language skills through writing and speaking in conjunction with various literary works. Reading and writing will connect to quarterly themes.			
Units of Study	College and Career Readiness Standards and Common Core State Standards: reading, English, and writing. Thematic Units: <ul style="list-style-type: none"> • Coming of Age—How do you reflect upon your past to enhance your future? • Relationships—How do social forces affect relationships? • Morals and Values—How do time and place influence the problems you face and how you solve them? • Power and Change—What power do you have? How can someone with power initiate change? 			

Course Title Honors English 9	Course ID 01001H	Semester Year	Grade 9	Credit 1.0
Special Notes/Requirements	Students must meet honors criteria (based on assessment data). It is a rigorous, demanding course designed to follow the English 9 curriculum with additional readings and accelerated writing projects.			
Course Description	This full-year course is designed for students who meet the honors testing criteria.			
Units of Study	College and Career Readiness Standards and Common Core State Standards: reading, English, and writing. Thematic Units: <ul style="list-style-type: none"> • Coming of Age—How do you reflect upon your past to enhance your future? • Relationships—How do social forces affect relationships? • Morals and Values—How do time and place influence the problems you face and how you solve them? • Power and Change—What power do you have? How can someone with power initiate change? 			

English

Course Title English 10	Course ID 01002	Semester Year	Grade 10	Credit 1.0
Special Notes/Requirements				
Course Description	Skill focus will be on improving and developing language skills through writing and speaking in conjunction with various literary works. Readings and writing will connect to quarterly themes. Students will be placed in course sections based on assessment data.			
Units of Study	College and Career Readiness Standards: Reading, English, and Writing Thematic Units: <ul style="list-style-type: none"> • Disaster, Catastrophe & Survival • Relationships & Gender Roles • Prejudice • Personal Freedoms & Rights of the People 			

Course Title Honors English 10	Course ID 01002H	Semester Year	Grade 10	Credit 1.0
Special Notes/Requirements	Students must meet honors criteria (based on assessment data). It is a rigorous, demanding course designed to follow the English 10 curriculum with additional readings and accelerated writing projects.			
Course Description	Skill focus will be on improving and developing language skills through writing and speaking in conjunction with various literary works. Readings and writing will connect to quarterly themes. Students will be placed in course sections based on assessment data.			
Units of Study	College and Career Readiness Standards: Reading, English, and Writing Thematic Units: <ul style="list-style-type: none"> • Disaster, Catastrophe & Survival • Relationships & Gender Roles • Prejudice • Personal Freedoms & Rights of the People 			

English

Course Title English 11	Course ID 01003	Semester Year	Grade 11	Credit 1.0
Special Notes/Requirements	Students will be placed in course sections based on assessment data.			
Course Description	Skill focus will be on improving and developing language skills through writing and speaking in conjunction with various American literary works. Reading and writing will connect to the American experience in a historical perspective.			
Units of Study	College and Career Readiness Standards and Common Core State Standards: reading, English, and writing American Literary Movements: <ul style="list-style-type: none"> • Rationalism • Romanticism • Realism • Modernism and Post Modernism 			

Course Title Honors English 11	Course ID 01003H	Semester Year	Grade 11	Credit 1.0
Special Notes/Requirements	Students must meet honors criteria (based on assessment data). It is a rigorous, demanding course designed to follow the English 11 curriculum with additional readings and accelerated writing projects.			
Course Description	Skill focus will be on improving and developing language skills through writing and speaking in conjunction with various American literary works. Reading and writing will connect to the American experience in a historical perspective.			
Units of Study	College and Career Readiness Standards and Common Core State Standards: reading, English, and writing American Literary Movements: <ul style="list-style-type: none"> • Rationalism • Romanticism • Realism • Modernism and Post Modernism 			

English

Course Title Literature and Composition with Media	Course ID 01099G	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	Parents must sign film permission slip for student to remain in class.			
Course Description	Students will analyze the literary, dramatic, and cinematic elements of films. They will write compositions, read one novel, and write, film, and edit their own movie trailer.			
Units of Study	<ul style="list-style-type: none"> • Book-to-Film Adaptations • Character- vs. Plot-driven Films • Genres in Film • Film Editing 			

Course Title Popular Literature	Course ID 01061	Semester Both	Grade 11- 12	Credit 0.5
Special Notes/Requirements	Primary materials will be fiction novels (x3). There will be a student-produced project for each quarter of the semester. Each unit studied will include induction material (short stories, song lyrics, poetry) providing background and context. Movie/video productions of works or authors covered will be presented. Should incur no additional fees or cost to students.			
Course Description	This semester course covers several popular types (genres) of literature widely read by all ages. Analysis, interpretation, discussion and writing about literature are primary components of this course.			
Units of Study	Genres covered include: <ul style="list-style-type: none"> • Science Fiction <ul style="list-style-type: none"> ○ <i>Ender's Game</i> by Orson Scott Card • Mystery/Detective Fiction <ul style="list-style-type: none"> ○ <i>I is for Innocent</i> by Sue Grafton • Young Adult Issues. <ul style="list-style-type: none"> ○ <i>Speak</i> by Laurie Halse Anderson 			

English

Course Title Classic Literature I	Course ID 01056A	Semester 1	Grade 11-12	Credit 0.5 (Weight .5)
Special Notes/Requirements	Cost: Field trip to a Shakespearean performance at the American Players Theatre			
Course Description	Through this college-bound semester course, students will study classic literature from around the world and across time through the lens of heroes and villains. The course is reading intensive and emphasizes advanced writing and speaking skills.			
Units of Study	<p>Students will primarily read classic fiction texts, though they will also use supplemental nonfiction resources, to determine what a “classic” piece of literature really is. Grounded in archetypes, students will study literature shaped by its heroes and villains.</p> <ul style="list-style-type: none"> • Archetypes and the hero cycle • <i>The Ramayana</i> • <i>Beowulf</i> • <i>The Catcher in the Rye</i> • <i>Macbeth</i> • <i>The Strange Case of Dr. Jekyll and Mr. Hyde</i> 			

Course Title Classic Literature II	Course ID 01056B	Semester 2	Grade 11-12	Credit 0.5 (Weight .5)
Special Notes/Requirements				
Course Description	Through this college bound semester course, students will study classic literature from around the world and across time through the lenses of the fall of man and the ironies of love. The course is reading intensive, and emphasizes advanced writing and speaking skills.			
Units of Study	<p>Students will primarily read classic fiction texts, though they will also use supplemental nonfiction resources, to determine what a “classic” piece of literature really is. Organized thematically and grounded in archetypes, materials focus on the fall of man and the ironies of love.</p> <ul style="list-style-type: none"> • Archetypes and the hero cycle • The Fall of Man <ul style="list-style-type: none"> ○ Excerpts including <i>Paradise Lost</i> and <i>The Inferno</i> ○ <i>Lord of the Flies</i> ○ <i>Fahrenheit 451</i> • The Ironies of Love <ul style="list-style-type: none"> ○ <i>Medea</i> ○ “The Wife of Bath” ○ <i>Antony and Cleopatra</i> • <i>Cyrano de Bergerac</i> 			

English

Course Title Advanced Placement Literature and Composition	Course ID 01006	Semester Year	Grade 12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Cost: Field trip to a Shakespearean performance at the American Players Theatre			
Course Description	Based on the National Advanced Placement Program of the College Board, this course is designed to acquaint students with the rigor and demands of college-level English. Student will critically read and discuss significant literature as well as write effectively. This course is for students who have excellent study habits, dedicated work ethic, and solid language skills. This class helps prepare students to take the AP test.			
Units of Study	<ul style="list-style-type: none"> • Poetry • Drama • Short Stories 		<ul style="list-style-type: none"> • Novels • Analytical and Research Writing 	

Course Title Written Communications	Course ID 01103	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	This course is articulated with Black Hawk Technical College. Students receiving a B or better may be exempt from taking the equivalent introductory college English course at this school.			
Course Description	This semester course develops writing skills which include prewriting, drafting, revising, and editing. A variety of writing assignments are designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content.			
Units of Study	<ul style="list-style-type: none"> • Writing Basics – The Six Steps of the Writing Process and The Six Traits of Writing • Descriptive “Bucket List” Essay • Narrative College/Scholarship Application Essay • Problem / Solution Essay • Analytical Essay on a Film • Research Project & Essay – IIM Method of Research • Professional Writing – Resume and Cover Letter Other areas of focus throughout semester course: <ul style="list-style-type: none"> • Grammar Units • ACT Timed Writing Prompts and Practice Skills • Creative Writing 			

English

Course Title Advanced Writing	Course ID 01105	Semester Both	Grade 11-12	Credit 0.5 (Weight .5)
Special Notes/Requirements	Cost: The purchase of a research procedures handbook is required.			
Course Description	In this college preparatory course, emphasis is placed on research procedures and writing. Students will learn best research practices and will write research papers using both MLA and APA styles of citations. Recommended for college-bound students.			
Units of Study	<ul style="list-style-type: none"> • Research Procedures • MLA Stylistics • APA Stylistics • Avoiding Plagiarism 		<ul style="list-style-type: none"> • Evaluating Sources • Blending References • Writing Academic Research Papers 	

Course Title Creative Writing	Course ID 01104	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements				
Course Description	Skill focus placed on rhetoric, writing conventions, writing processes, and critical evaluation of compositions both personal and otherwise. This semester-long elective writing course demands that students conceive, plan, write and publish high quality compositions in a variety of genres.			
Units of Study	<ul style="list-style-type: none"> • Elements of Story • The writing process 		<ul style="list-style-type: none"> • Literary Devices • Self-evaluation and critique 	

English

Course Title Career Communications	Course ID 01156	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	Cost:			
Course Description	This class explores the process of finding and succeeding in a career. The focus of the beginning quarter of the class is writing a research paper (in MLA format) based upon possible career choices. Students then develop a portfolio of job search tools: job applications, a variety of business letters, and a resume. After studying the appropriate ways to prepare for an interview, students participate in a practice interview in lieu of a final exam. Students are also required to job shadow a career for successful completion of this course. Students enrolled in this course should expect to work independently, as well as in pairs, small groups, and participate in class discussions.			
Units of Study	<ul style="list-style-type: none"> • Career Exploration • Interview Skills 		<ul style="list-style-type: none"> • Job Shadow • 	

Course Title Myths and Legends	Course ID 01058	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements				
Course Description	This class focuses primarily on Greek, Roman, Norse, Egyptian, and urban mythologies. Students will work to design their own myths analyze mythic representations from a variety of mediums including movies, television, and literature. Texts read will be primarily found online.			
Units of Study	<ul style="list-style-type: none"> • Greek • Roman 		<ul style="list-style-type: none"> • Norse • Egyptian • Urban 	

FCE

Course Title	Course ID	Semester	Grade	Credit
Introduction to Health Science	14001G	Both	10-12	0.5
Special Notes/Requirements	It is required that a student must job shadow in Health Care and be of age 16.			
Course Description	This course is designed to create an awareness of the career possibilities in the health care industry. Students will gain experiences in terminology, employment opportunities, leadership development, ethical and legal responsibilities, patient care and services, and the economics of health care. Health care professionals and experts in the field will provide first-hand experiences to students.			
Units of Study	<ul style="list-style-type: none"> • History and Trends in Health Care • Careers in Health Care • Personal and Professional Qualities of Health Care Workers • Medical Terminology • Anatomy and Physiology • Promotion of Safety • Vital Signs • First Aid • Medical Math • Resume Writing 			

Course Title	Course ID	Semester	Grade	Credit
Child Development	22204G	Both	10-12	0.5
Special Notes/Requirements	Required to care for Baby Think it Over outside of school			
Course Description	Overview of children from birth to age 6 with exploration of physical, emotional, social and intellectual development at each stage. Speakers, discussions, observations, nutrition and hand-on experiences will be the main focus. Students will work with the Empathy Belly and the Realityworks-Baby Think It Over.			
Units of Study	<ul style="list-style-type: none"> • Learning about children • Challenges of parenting • Effective parenting skills • Prenatal development • Preparing for Birth • The baby's first year • The child from 1-3 • The child from 4-6 • Careers working with children 			

FCE

Course Title Orientation to Catering	Course ID 16057G	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	It is required that Intro to Food Prep and Food Science and Sanitation must be taken and successfully completed with a "C" or better.			
Course Description	MHS Catering will operate the morning Breakfast Stand and conduct business simulations. This class is designed for students will a strong interest in foods and/or a career in the food, restaurant and hospitality industry. Labs are designed for sales of products selected by the catering class.			
Units of Study	<ul style="list-style-type: none"> • Advertisement and Promotion of Products • Safety & Sanitation • Stocks • Soups & Sauces • Caramel Apples • Apple Pies • Food Presentation – Appetizers and Garnishes • Silk Pies • Holiday Cookies • Cupcake Decorating • Frosting Skills 			

Course Title Textiles	Course ID 22205G	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	The student will purchase all fabric and other supplies for competing projects.			
Course Description	This class will focus on textiles and basic sewing application. Students will create a recycled project and also create useable articles for you and your home. At least one community service project will be completed during the course of the semester.			
Units of Study	<ul style="list-style-type: none"> • Career Exploration • Understanding Clothing and Fashion • Fiber, fabrics, and finishes • Repair, redesign and recycle • Principles of Design • Fabric preparation and preparing to sew • Sewing equipment and machines • Basic sewing skills • Recycled project • Community service project • Project construction 			

FCE

Course Title	Course ID	Semester	Grade	Credit
Food Science and Sanitation	16053G	Both	10-12	0.5
Special Notes/Requirements	It is required that Intro to Food Prep be taken and successfully completed with a "C" or better. Cost—\$20.00 (BTC-Articulated)			
Course Description	Complete study of food sanitation, safe food handling practices, personal hygiene, and food safety and regulations in the work place. Course taught from the ServSafe manual and students may choose to take the ServSafe Certification Test at the completion of the course. Food units are designed to focus on the science of cooking and baking.			
Units of Study	<ul style="list-style-type: none"> • Poultry • Beef and Pork • Fish and Seafood • Yeast Breads • Food Safety Challenges • Flow of Food Through Preparation • Sanitary Facilities and Pest Management • Food Safety Regulation • Employee Training 			

Course Title	Course ID	Semester	Grade	Credit
Intro to Food Prep	22202G	Both	9-12	.5
Course Description	This class is an introduction to the Hospitality, Lodging and Tourism Industry. The student needs a desire to prepare foods using recipes, work in groups, evaluate and analyze food products. This hands-on class will provide a foundation for preparing food at home or working in the food industry.			
Units of Study	<ul style="list-style-type: none"> • Nutrition • Food Industry and Career Exploration • Food Safety & Sanitation • Herbs & Spices • Lab Management Skills • Etiquette • Fire Safety • Grains • Pasta & Foods of Italy • White Sauce • Quick Breads • Eggs and Vegetarian Diets 			

Instrumental Music

Course Title Concert Band	Course ID 05102	Semester Both	Grade 9-12	Credit 1.0
Special Notes/Requirements	Some required performances are outside of the school day Students enrolled in more than one band are required to perform one final exam per semester			
Course Description	Development of individual and ensemble musical standards through performance, theory, listening, and citizenship. Emphasis on a mature sound, sense of ensemble and intonation, focusing on literature and appropriate to achieve these goals			
Units of Study	<ul style="list-style-type: none"> • Full Ensemble Performances (Marching, Chamber, Concert) • Individual Performances (Quiz, Semester Solo, Solo/Ensemble) • Theory (Scales, Ear Training, Musical Vocabulary, Music Literacy) • Rehearsal Technique (Contribution to Full Ensemble needs) • Listening Evaluations (Critique and analysis of music via prose) • Enrichment (Participation in Jazz, Pep Band, Pit Orchestra) • Lesson (Individualized practice and instruction per instrument) 			

Course Title Wind Ensemble	Course ID 05106	Semester Both	Grade 9-12	Credit 1.0
Special Notes/Requirements	Prerequisites-audition and consent of instructor. Some required performances are outside of the school day. Students enrolled in more than one band are required to perform one final exam per semester			
Course Description	Development of individual and ensemble musical standards through performance, theory, listening, and citizenship. Emphasis on a mature sound, critical listening, developed intonation, challenging repertoire for the individual and ensemble.			
Units of Study	<ul style="list-style-type: none"> • Full Ensemble Performances (Marching, Chamber, Concert) • Individual Performances (Quiz, Semester Solo, Solo/Ensemble) • Theory (Scales, Ear Training, Musical Vocabulary, Music Literacy) • Rehearsal Technique (Contribution to Full Ensemble needs) • Listening Evaluations (Critique and analysis of music via prose) • Enrichment (Participation in Jazz, Pep Band, Pit Orchestra) • Lesson (Individualized practice and instruction per instrument) 			

Instrumental Music

Course Title	Course ID	Semester	Grade	Credit
Jazz Band	05105	Year	9-12	.5
Special Notes/Requirements	This course meets during zero (0) hour on Monday, Wednesday and alternate Fridays for both semesters.			
Course Description	This course provides introductory and intermediate instruction of jazz. Students will be exposed to a number of jazz styles.			
Units of Study				

Math

Course Title Precalculus	Course ID 02110	Semester Year	Grade 9 - 12	Credit 1.0 (Weight .5)
Special Notes/Requirements	Graphing calculators will be used in class and it highly recommended that students own one. The prerequisite for this class is Algebra 2 and Geometry.			
Course Description	This course is designed to prepare students for the study of Calculus. This is also a college-prep class.			
Units of Study	<ul style="list-style-type: none"> • Linear and quadratic functions • Properties • Graphs • Inverses and applications of functions • Trigonometric functions • Trigonometric equations and applications • Triangle trigonometry, and trigonometric identities • Polar coordinates • Complex numbers • Sequences and series 			

Course Title AP Calculus AB	Course ID 02124E	Semester Year	Grade 9 - 12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Graphing calculators will be used in class and it is highly recommended that students own one. The prerequisite for this class is Precalculus. The student will also have the option of taking the AP test at the end of the year. The test will have a cost attached with it.			
Course Description	Students will have the opportunity to begin exploring higher level mathematics. The course will be divided into two main topics: differential and integral calculus. Differential calculus deals with finding the slope of a curve along with calculating velocities and accelerations of moving bodies. Integral calculus studies areas of irregular regions in a plane, lengths of curves and volumes of figures.			
Units of Study	<ul style="list-style-type: none"> • Limits and Continuity • Introduction to the Derivative • Products, Quotients and Differentiability • Implicit Relationships and Related Rates • Extrema and Curve Analysis • The Definite and Indefinite Integrals • Applications of Integrals • Area and Volume • Differential Equations 			

Math

Course Title AP Calculus BC	Course ID 02125	Semester Year	Grade 9 - 12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Graphing calculators will be used in class and it is highly recommended that students own one. The prerequisite for this class is AP Calculus AB. The student will also have the option of taking the AP test at the end of the year. The test will have a cost attached with it.			
Course Description	AP Calculus BC includes all AB content. Additionally, the following topics will be included: polynomial approximations and series; antiderivatives by substitution of variables, parts and simple partial fractions; improper integrals; numerical solutions of differential equations using Euler's method; L'Hospital's Rule, including its use in determining limits and convergence of integrals and series; and analysis of planar curves given in parametric form, polar form and vector form, including velocity and acceleration. The course provides students with the opportunity to work with functions represented in a variety of ways – graphically, numerically, analytically and verbally – and emphasizes the connections among these representations.			
Units of Study	<ul style="list-style-type: none"> • Limits and Continuity • The Concept of the Derivative • Parametric, Polar and Vector Functions • The Definite and Indefinite Integral • Applications of Integrals • Techniques of Antidifferentiation • Differential Equations • Series of Constants • Taylor Series 			

Course Title Advanced Math	Course ID 02108	Semester Year	Grade 9 - 12	Credit 1.0
Special Notes/Requirements	The prerequisite for this class is Algebra 2 and Geometry.			
Course Description	This class is intended for college-bound students who will not subsequently study Calculus in high school but need a solid understanding of algebra.			
Units of Study	<ul style="list-style-type: none"> • Equations and inequalities • Exponential and logarithmic functions • Complex numbers • Series and sequences • Conic sections • Basic statistics and probability • Matrices and trigonometry. 			

Math

Course Title AP Statistics	Course ID 02203	Semester Year	Grade 9 - 12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	This course has a weight of 1.0. TI-83+ or TI-84 calculators will be used in class and it is highly recommended that students own one. The prerequisite for this class is Algebra 2 and Geometry. The student will also have the option of taking the AP test at the end of the year. The test will have a cost attached with it.			
Course Description	The students will develop strategies for collecting, organizing, analyzing and drawing conclusions from data. They will design, administer and tabulate results from surveys and experiments. Probability and simulations will aid students in constructing models for chance phenomena. Sampling distributions will provide the logical structure for confidence intervals and hypothesis tests.			
Units of Study	<ul style="list-style-type: none"> • Exploring Data • The Normal Distributions • Examining Relationships • More on Two-variable Data • Producing Data • Probability • Random Variables • Binomial and Geometric Distributions • Sampling Distributions • Intro to Inference • Inference for Distributions • Inference for Proportions • Inference for Tables: Chi-Square procedures • Inference of Regression 			

Course Title Algebra 2	Course ID 02056	Semester Year	Grade 9 - 12	Credit 1.0
Special Notes/Requirements	The prerequisite for this class is Algebra and Geometry.			
Course Description	This class is the continuation and expansion of the concepts taught in Algebra and Geometry.			
Units of Study	<ul style="list-style-type: none"> • Linear equations • Statistics, • Probability • Exponents • Radicals • Polynomials • Absolute value • Inequalities • Coordinate geometry • Trigonometry 			

Math

Course Title Geometry	Course ID 02072	Semester Year	Grade 9 - 11	Credit 1.0
Special Notes/Requirements	The prerequisite for this class is Algebra.			
Course Description	This class is a continuation and expansion of the concepts taught in Algebra with more of an emphasis on the geometric concepts.			
Units of Study	<ul style="list-style-type: none"> • Coordinate geometry • Parallel and perpendicular • Angles • Pythagorean Theorem • Similar and congruent triangles 		<ul style="list-style-type: none"> • Right triangle trigonometry • Linear equations • Basic statistics and probability • Polynomials and inequalities 	

Course Title Algebra	Course ID 02052	Semester Year	Grade 9 - 10	Credit 1.0
Special Notes/Requirements				
Course Description	This is the entry level math class for the High School sequence. Most students will take this during their Freshman year.			
Units of Study	<ul style="list-style-type: none"> • Linear equations, • Basic statistics and probability • Number sense • Polynomials 		<ul style="list-style-type: none"> • Introduction of coordinate geometry • Basic geometric concepts • Basic functional concepts 	

Physical Education and Health

Note on Physical Education Classes:

- A. Fitness warm-ups will be a part of every course offering.
- B. Fitness testing will be done both semesters regardless of the section you are in.
- C. There may be a fee for the following courses: Personal Fitness and Lifetime Activities 546 and Advanced Adventure Education 551. Fees will range from \$5 - \$15.

Only One Physical Education Course May Be Taken Per Semester.

Three semesters of Physical Education and one semester of Health are required to graduate

Physical Education and Health

Course Title Health	Course ID 08051	Semester Both	Grade 10-11	Credit .5
Special Notes/Requirements	Students will be placed in course sections based on their schedule and availability of the class.			
Course Description	Health class will meet every day for one semester. We will be focusing on developing a healthy lifestyle and making healthier choices.			
Units of Study	<ul style="list-style-type: none"> • Physical health • Mental and emotional health • Nutrition • Relationships • Personality types 		<ul style="list-style-type: none"> • CPR and first aid • Consumer health • Drugs, alcohol and tobacco • Human growth and development 	

Course Title Physical Education 9	Course ID 08001	Semester Both	Grade 9	Credit .5
Special Notes/Requirements	Students will be placed in course sections based on their schedule.			
Course Description	This class is an introductory skills class to physical fitness, adventure education, and lifetime activities.			
Units of Study	<ul style="list-style-type: none"> • Teamwork and teambuilding • Safety in the weight room and use of other equipment • Body weight training • Strength and conditioning • Functional Fitness • Pedometers and heart rate monitors • Lifetime activities 			

Course Title Freshmen Strength and Conditioning	Course ID 08009	Semester Both	Grade 9	Credit .5
Special Notes/Requirements	Students will be placed in course sections based on their schedule. <u>Students must complete an application for this class.</u>			
Course Description	This is an advanced and highly active class designed to improve fitness performance levels. Strength training with the Bigger Faster Stronger program along with suspension and body weight training are a large component of this class.			
Units of Study	<ul style="list-style-type: none"> • Functional Fitness • Speed, Agility • Body suspension • Body weight training Pedometers and heart rate monitors • Lifetime activities 			

Physical Education and Health

Course Title Personal Fitness and Lifetime Activities	Course ID 08005	Semester Both	Grade 10-12	Credit .5
Special Notes/Requirements	Students will be placed in course sections based on their schedule and availability of the class.			
Course Description	This class is designed to improve fitness levels and participate in a variety of lifetime activities. Students will work towards a healthy BMI and body composition along with learning activities that can be done throughout a person's lifetime.			
Units of Study	<ul style="list-style-type: none"> • Individual fitness plans • Heart rate Monitors • Pedometers • BMI – body mass index • Body composition • Muscles of the body • Personal fitness journals 			

Course Title Adventure Education	Course ID 08016	Semester Both	Grade 11-12	Credit .5
Special Notes/Requirements	Students will be placed in course sections based on their schedule and availability of the class. This course is highly recommended for juniors and seniors.			
Course Description	This class is designed to develop leadership skills through physical education. Activities may include peer teaching, assisting at other schools in the district, advanced belaying and climbing, geo-caching, orienteering, and other adventure education activities.			
Units of Study	<ul style="list-style-type: none"> • Ropes – belaying and climbing safety and guidelines • 7 stages of Adventure Education • Peer teaching • Orienteering • Mobility 			

Physical Education and Health

Course Title Strength and Conditioning	Course ID 08009	Semester Both	Grade 10-12	Credit .5
Special Notes/Requirements	Students will be placed in course sections based on their schedule and availability of the class.			
Course Description	This is an advanced and highly active class designed to improve fitness performance levels. Strength training with the Bigger Faster Stronger program along with suspension and body weight training are a large component of this class.			
Units of Study	<ul style="list-style-type: none"> • Functional Fitness • Speed • Agility • Body suspension • Body weight training 			

Course Title Zero Hour Strength and Conditioning	Course ID 080090	Semester Both	Grade 11-12	Credit .5
Special Notes/Requirements	Zero Hour: This class runs from 6:45 to 7:30 a.m., daily. This is an advanced conditioning class, recommended for junior and senior athletes in a high school athletic program.			
Course Description	This is an advanced and highly active class designed to improve fitness performance levels. Strength training with the Bigger, Faster, Stronger program along with suspension and body weight training are a large component of this class.			
Units of Study	<ul style="list-style-type: none"> • Functional Fitness • Speed • Agility • Body suspension • Body weight training • Mobility 			

Monroe High School

Physical Education Waiver Option

According to Wisconsin Act 105 Section 8.118.33 students have the option of completing additional coursework in lieu of .5 credits of Physical Education. It has been determined that we will allow this at Monroe High School according to the guidelines listed below.

Students that participate in a WIAA-sanctioned sport have the option to substitute .5 credits of the 1.5 Physical Education credits for graduation if they take an additional math, science, English, Social Studies, or health education class above and beyond the graduation requirements. The current graduation requirements are...

English – 4 credits

Social Studies – 3 credits

Mathematics - 3 credits

Science – 3 credits

Physical Education – 1.5 credits

Health Education - .5 credits

Financial Literacy - .5 credits

In order to be approved for this Physical Education waiver, students must complete a contract (see back of book) with the intent to use a particular sport as an exemption from a Physical Education class with the following expectations...

- Student states the intended sport of participation
- Student states the class that will be replacing the .5 credit of Physical Education
- Student completes the contract by May 15, 2017

In order to substitute the .5 credits of Physical Education the student must participate in a WIAA sanctioned sport offered by Monroe High School. The sport participation can take place any time during their sophomore or junior year as well as the fall sports season (as defined by the WIAA) of their senior year. Grade level status is defined by credits earned.

Students must also complete the WIAA sanctioned sport in good standing according to the coach and administration. Please refer to the Monroe High School Athletic Handbook and athletic code. Students requesting this option for a Physical Education waiver must not have any athletic code violation or not be academically ineligible during the season credited for the exemption. The student must pass the class they are taking in lieu of the Physical Education class.

It is highly encouraged that the sport participation and the academic class be taken in the same year. Any exceptions to this must be approved by administration on a case-by-case basis. The waiver cannot be applied retroactively. It is required that the intent to use the waiver be carefully planned and the contract filled out ahead of time. If you have any questions, please contact your Physical Education Instructor or a School Counselor.

MONROE HIGH SCHOOL

Physical Education Exemption - Student Contract

Due May 15, 2017

Students Name: _____ **Date:** _____

Graduation Year: _____

Intended Sport of Participation: _____ **Season:** _____
(Fall-Winter-Spring & School Year)

Name of Head Coach: _____

Intended Additional Core class: _____

By signing this contract, I understand that I must start and finish the athletic season in good standing in order to receive my ½ credit exemption from physical education. Any athletic code violation or academic suspension during my chosen season will void this contract. Injuries before or during an athletic season will be dealt with on an individual basis, but I must be able to at least attempt participation in the sport during the season in order to be given credit.

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____

Guidance Counselor Signature: _____

Administrator Signature: (If Needed) _____



MONROE HIGH SCHOOL
Freshmen Strength and Conditioning - Student
Application
Due March 24, 2017

Students Name: _____

Date: _____

By signing this contract, I would like to opt out of the regular freshman physical education class and replace it with strength and conditioning. I understand that the strength and conditioning course is more rigorous and strenuous.

Attendance – Students are expected to attend class on a regular basis

Behavior – Students are expected to demonstrate appropriate behavior consistent with an advanced high school course

Appearance – Students are expected to dress in appropriate PE clothes and participate fully in class activities

Students will need to get signatures from the following individuals for consideration. 1) Your current physical education teacher at MMS, 2) You will need to have attended or plan to attend summer school weight training and have your teacher's signature, 3) School counselor 4) Parent signature, and 5) your signature.

An accepted application does not guarantee placement.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

School Counselor Signature: _____

Current Physical Education Teacher Signature: _____

Summer School Teacher Signature: _____

Why do you want to take this class?

Science

Course Title Physics	Course ID 03151	Semester : Year	Grade 11-12	Credit 1.0 Weight (.5)
Special Notes/Requirements	Algebra 2 (May be taken concurrently) and prior science approval			
Course Description	Physics is a year-long course dedicated to teaching basic laws and principles of the natural phenomena of universe. The course allows students to learn concepts through examples, apply them to theoretical mathematical situations, and apply them to the world that they live in.			
Units of Study	<ul style="list-style-type: none"> • Scientific Method • Motion in 1 and 2 Dimensions • Forces in 1 and 2 Dimensions • Energy • Waves • Electricity and Magnetism • Modern Physics 			

Course Title Principles of Physical Science	Course ID 03201	Semester Year	Grade 9	Credit 1.0
Special Notes/Requirements	Required to be taken freshman year			
Course Description	Students will learn basic principles of Physics and Earth Science.			
Units of Study	<ul style="list-style-type: none"> • Scientific Method • Motion • Forces • Waves • Astronomy • Weather • Geology 			

Course Title Biology	Course ID 03051	Semester Year	Grade 10	Credit 1.0
Special Notes/Requirements	Cost-Purchase of approved splash-guard safety goggles and a 100 pack of non-latex gloves. Sophomore required class			
Course Description	This year-long general biology class is a comprehensive survey of biology with biochemical emphasis. Students are required to complete all laboratories including dissections: Dissection is part of the lab work.			
Units of Study	<ul style="list-style-type: none"> • Basic Chemistry • Cell Structure • Cell processes • Ecology • Evolution • Genetics • Human Growth and Development • Macromolecules • Anatomy • Physiology 			

Science

Course Title Chemistry	Course ID 03101	Semester Year	Grade 11	Credit 1.0
Special Notes/Requirements	Junior required class Successful completion of algebra recommended. Need to obtain laboratory approved splash-guard goggles, lighter, hot pad and calculator (equipment breakage can be an additional cost)			
Course Description	Traditional laboratory chemistry course. Emphasis on the mathematics of chemistry and the dimensional analysis method of problem solving is stressed. Approximately 1/5 of the time is spent in lab.			
Units of Study	<ul style="list-style-type: none"> • Matter • Energy • Classification of matter • Formula writing & naming • Equations • Atom composition and behavior • Chemical bonding and properties • History of the theory of the atom. 			

Course Title Advanced Chemistry	Course ID 03102E	Semester Year	Grade 10-12	Credit 1.0 (Weight .5)
Special Notes/Requirements	Successful completion of Chemistry and instructor approval. Need to obtain laboratory approved splash-guard goggles, lighter, hot pad and calculator (equipment breakage can be an additional cost) \$15 course fee			
Course Description	An independent and heavily lab oriented chemistry class for the college-bound science student. (not as heavily math oriented as chemistry 333).			
Units of Study	<ul style="list-style-type: none"> • Descriptive Chemistry (Qualitative Analysis) • Organic Chemistry • Nuclear Chemistry 			

Science

Course Title AP Biology	Course ID 03056	Semester Year	Grade 11-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Successful completion of Biology and Chemistry courses is a prerequisite for this course. A non-graphing calculator with a square root function, approved splash guard safety goggles, and a 100 pack of non-latex gloves are required for this course. An introduction packet, assignment, and course text book must be picked up from the teacher prior to summer vacation the semester before the class is scheduled. \$15 course fee			
Course Description	Advanced placement biology is a full year of biology specifically intended for students who want a college-level course in Biology. Successful students will be highly motivated, able to work independently, and capable of covering topics at an accelerated pace. Biology is designed to simulate a college lab science class by including lecture, lab, and writing assignments. College credit may be earned by taking the Advanced Placement Test at the completion of the class.			
Units of Study	<ul style="list-style-type: none"> <li style="width: 50%;">• Evolution <li style="width: 50%;">• Response to Information <li style="width: 50%;">• Energy and Homeostasis <li style="width: 50%;">• Biological Systems 			

Course Title Principles of the Biomedical Sciences	Course ID 03053	Semester Year	Grade 10-12	Credit 1.0 Weight (1.0)
Special Notes/Requirements	Student must either currently be enrolled in biology or passed biology to be eligible for this course. This program complements the traditional science classes, and is designed for students who wish to pursue a career in the Biomedical field.			
Course Description	Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lays the scientific foundation for subsequent courses.			
Units of Study	Scientific Method, Genetics, Patterns of Inheritance, Diseases and Pathogens, Anatomy and Physiology, Nutrition, Macromolecules			

Science

Course Title AP Physics	Course ID 03165	Semester Year	Grade 11-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	All students who enroll in this course are encouraged to take the AP Exam in May. However, the exam is not mandatory. Students who choose to take the exam are responsible for the exam fee.			
Course Description	This course will review and expand some of the areas covered in Physics. This is an excellent course for students pursuing careers in math, science, and/or engineering at the post-secondary level. Units of Study include: (Semester I) Thermodynamics, Electricity and Magnetism, Share Science Project (share science lessons with elementary students); (Semester II) Rube Goldberg Competition Machine, Modern Physics, Wireless Communication, Physics of Flying, and Share Science Project			
Units of Study	<ul style="list-style-type: none"> • Thermodynamics • Electricity • Magnetism • Waves • Sound, Light & Optics <ul style="list-style-type: none"> • Motion • Forces • Momentum & Energy 			

Social Studies

Course Title Advanced Placement Psychology	Course ID 04255	Semester Year	Grade 11-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	All students who enroll in this course are encouraged to take the AP Exam in May. However, the exam is not mandatory. Students who choose to take the exam are responsible for the exam fee.			
Course Description	Advanced Placement Psychology provides students with the opportunity to learn about human behavior and mental processes. This can be thought of as a “bridge-to-college” course. As a result, the curriculum places a heavy emphasis on readings, writing, critical thinking, and independent projects.			
Units of Study	<ul style="list-style-type: none"> • History/Approaches/Research Methods • Biological Bases of Behavior • Sensation & Perception • States of Consciousness • Learning • Cognition & Language • Developmental Psychology • Intelligence • Motivation • Emotion • Personality • Abnormal Psychology • Treatment of Psychological Disorders • Social Psychology 			

Course Title Social Psychology	Course ID 04254S	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements				
Course Description	This course explores how individuals think, feel and behave and how an individual's thoughts feelings and behaviors are affected by other people. An emphasis is placed on applying social psychology concepts and vocabulary to everyday life. Learning about social psychology provides students with the opportunity to explore their own personal development, improve their ability to communicate effectively in interpersonal relationships and increase their sense of well-being.			
Units of Study	<ul style="list-style-type: none"> • Self-concept (personality) • Perception of Individuals (cognition & emotions) • Perception of Groups (stereotypes and discrimination of 'isms') • Attitudes/Persuasion, Conformity & Obedience • Positive Psychology • Attraction & Relationships 			

Social Studies

Course Title The World: Past and Present	Course ID 04051	Semester Year	Grade 9	Credit 1.0
Special Notes/Requirements	Required to be taken freshman year			
Course Description	This class focuses on the various forces that have shaped, and continue to shape, the different regions of the world. Within each region there will be an exploration of the geography, history, and contemporary issues that define it and its influence on other regions; particularly that of the United States.			
Units of Study	<ul style="list-style-type: none"> • Intro to Social Studies and Geography • South America • The Middle East • Africa • Europe • Asia and Oceania 			

Course Title US History 10	Course ID 04101	Semester Year	Grade 10	Credit 1.0
Special Notes/Requirements	Required to be taken sophomore year.			
Course Description	This course is dedicated to the political, social, geographic and economic histories of the United States from the Civil War to the 1980's.			
Units of Study	<ul style="list-style-type: none"> • Civil War and Reconstruction • South and West Transformed • Immigration, Urbanization and Industry • Gilded Age and Progressive Era • Imperialism and World War I • Roaring Twenties • Great Depression and the New Deal • World War II • Post War and Cold War • Vietnam War • Civil Rights Movement • Era of Protest and Change • Crisis in Confidence and the Conservative Resurgence 			

Social Studies

Course Title Advanced Placement U.S. History	Course ID 04104	Semester Year	Grade 10-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Sophomores may take this course in place of the required U.S. History course provided the student's composite score on the EPAs test qualifies them for the honors level of U.S. History. It may also be taken by juniors or seniors as an elective after successful completion of the required U.S. History course. Students opting to take the College Board AP Exam in May are responsible for the exam fee.			
Course Description	This course is roughly the equivalent of an entry level college course, with a work load and performance expectations that would be similar to those for survey level college courses. It is a year-long survey of United States history from the colonial period to the present. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Consequently, solid reading, research and writing skills, along with a willingness to devote considerable time to work outside class and studying, are necessary to succeed.			
Units of Study	<ul style="list-style-type: none"> • Exploration and Colonization of North America to 1770 • The Revolutionary Period through Ratification of U.S. Constitution • The Early Republic, National Expansion, and Sectionalism • Civil War and Reconstruction • The Gilded Age and Populism • Imperialism, Progressivism, and the Great War • The Roaring Twenties, the Great Depression, and World War II • Post World War II America 			

Social Studies

Course Title	Course ID	Semester	Grade	Credit
Issues in American Society	04149	1	10-12	0.5
Special Notes/Requirements				
Course Description	This class takes a look at a variety of social, economic and political realities that face the United States every day. A problem-solving approach is used to examine issues of concern to the U.S. citizen. By having an awareness of the origins of these issues and their current impacts, students will be better equipped to face everyday challenges in society.			
Units of Study	(Units vary depending on current issues in the United States)		<ul style="list-style-type: none"> • Energy and the Environment • Death Penalty • U.S. Budget • Current Events • Society, Rights and Discrimination 	
	<ul style="list-style-type: none"> • American Involvement in Afghanistan • Gun Control • Immigration • Crime and Drugs 			

Course Title	Course ID	Semester	Grade	Credit
International Issues Related To American Society	04156	2	10-12	0.5
Special Notes/Requirements				
Course Description	This class takes a look at a variety of international social, economic and political realities that face the United States every day. A problem-solving approach is used to examine international issues of concern to the U.S. citizen. By having an awareness of the origins of these issues and their current impacts, students will be better equipped to face everyday challenges in a global society.			
Units of Study	(Units vary depending on current issues in the United States)		<ul style="list-style-type: none"> • Energy and the Environment • Global Economy • Foreign Policy • Current Events • Society, Rights and Discrimination 	
	<ul style="list-style-type: none"> • American Involvement in Foreign Conflicts • Terrorism • Immigration • Crime and Drugs 			

Social Studies

Course Title Choices in American Democracy	Course ID 04151	Semester Year	Grade 11	Credit 1.0
Special Notes/Requirements	Required to be taken junior year			
Course Description	This class emphasizes citizenship education and the role of choice in decision-making at the individual, local, state, national, and international levels. Students are encouraged to develop an understanding of, and interest in, the political and economic systems that shape the United States, as well as the systems' relationship with one another.			
Units of Study	<u>Semester 1:</u> <ul style="list-style-type: none"> • Principles of Government • Foundations of American Government • Political Behavior • The Legislative Branch • The Executive Branch • The Judicial Branch • Participating in State and Local Government 		<u>Semester 2:</u> <ul style="list-style-type: none"> • Intro to Economics • How Markets Work • Business and Labor; Money, Banking, and Finance • Measuring Economic Performance • The Government and the Economy • The Global Economy 	

Course Title Introduction to Psychology	Course ID 04254	Semester 1	Grade 10-12	Credit .5
Special Notes/Requirements	Open to any student in Grade 10, 11, or 12. Students may not have previously taken AP Psychology.			
Course Description	This course will explore the scientific study of human behavior, including its biological, psychological, and social/environmental influences. This course will provide an introduction to the history of psychology, overview the research methods used by psychologists, and reveal how these methods are employed to enhance understanding of psychological issues.			
Units of Study	<ul style="list-style-type: none"> • History of Psychology • Biological Basis of Psychology • States of Consciousness • Nature vs. Nurture • Developmental Psychology • Sensation and Perception 		<ul style="list-style-type: none"> • Learning and Memory • Language and Intelligence • Motivation, Emotions and Stress, Personality, Social Psychology • Psychological Disorders and Treatments 	

Social Studies

Course Title	Course ID	Semester	Grade	Credit
Special Topics in Psychology: Abnormal	04255	2	10-12	.5
Special Notes/Requirements	Open to any student in Grade 10, 11, or 12. Students must have previously taken Introduction to Psychology or AP Psychology, or by instructor permission.			
Course Description	This course is a survey of abnormal behaviors, mental illness, and the different perspectives taken to understand them. Students will evaluate current ethical perspectives regarding mental health, and critique influences by popular culture. Students will also determine the relationship between diagnostic criteria and implications for behavior.			
Units of Study	<ul style="list-style-type: none"> • Abnormal Psychology in History • Clinical Assessment and Diagnosis • Mood Disorders and Suicide • Anxiety Disorders • Mental Health Services and Ethical • Gender Identity Disorders • Impulse Control Disorders • Psychotic Disorders, Developmental and Cognitive Disorders • Somatoform and Dissociative Disorders 			

Technology and Engineering

Course Title Light Building Construction	Course ID 13099	Semester Both	Grade 10-12	Credit .5
Special Notes/Requirements	There is \$20.00 course fee. Fee includes one pair of safety glasses.			
Course Description	This building construction course is designed to give students a broad overview of the building construction industry. Students will learn by classroom discussion, instructor or student led demonstrations, and by hands-on activities. The students will first be introduced to many different areas of the construction of a residential home. The instructor will demonstrate many different activities that are related to building a home.			
Units of Study	<ul style="list-style-type: none"> • Class Policies & General Shop Safety • Power Tool Safety • Site Surveying and Layout • Footing & Foundations • Wall Framing • Floor Framing • Roof Framing & Trusses 		<ul style="list-style-type: none"> • Roofing and Roofing Materials • Siding and Siding Materials • Windows and Doors • Insulation • Heating & Cooling Systems • Plumbing System 	

Course Title Advanced Construction and Millwork	Course ID 17003	Semester Year	Grade 11-12	Credit 1.0
Special Notes/Requirements	Students must have taken and passed Cabinetmaking and Prototyping and/or Light Building Construction. There is \$15.00 course fee + the cost of an individual project. This fee includes one pair of safety glasses. This course also has the option of obtaining dual credit with Madison Colleges Cabinet Making Program.			
Course Description	In this class students will get in depth experience in rough and finish carpentry. Students will learn how to do platform frame construction and finish cabinetry work.			
Units of Study	<ul style="list-style-type: none"> • Class Policies & General Shop Safety • General Safety • Power Tool Safety • Site Safety • Floor Framing • Wall Framing • Roof Framing & Trusses 		<ul style="list-style-type: none"> • Roofing and Roofing Materials • Siding and Siding Materials • Windows and Doors • Cabinet Making • Trim & Millwork • Finish Carpentry 	

Technology and Engineering

Course Title	Course ID	Semester	Grade	Credit
Architectural Engineering	21103	Both	10-12	.5
Special Notes/Requirements	Prerequisite: PLTW IED or CADD; \$10 Lab Fee			
Course Description	This course places an emphasis on house design and construction. The course is extremely valuable in learning what constitutes a good, modern, energy efficient design in construction. All phases of residential architecture construction and design will be covered. Students will use three dimensional computer aided drafting and design software to create their own blueprints of a house of their design.			
Units of Study	<ul style="list-style-type: none"> • Sketching • Creating Drawings • Manipulating Objects • Drawing Organization • Inquiry Commands • Layouts • Annotating • Geometric Constraints • Basement Floor plans • Floor plans • Elevations Drawings • Title block Creation • Architectural Dimensioning 			

Course Title	Course ID	Semester	Grade	Credit
Engineering Design	21006	Both	10-12	.5
Special Notes/Requirements	Prerequisite: PLTW IED or CADD; \$10 Lab Fee			
Course Description	This course deals with advanced computer aided drafting and design functions, 3D design and problem solving. Students utilize Inventor to complete detailed orthographic, section, isometric, auxiliary and oblique drawings. After becoming proficient with Inventor, students will be presented with real-world engineering problem solving activities that utilize 3D printing and CAM technologies.			
Units of Study	<ul style="list-style-type: none"> • Sketching • Creating Drawings • Manipulating Objects • Drawing Organization • Altering Objects • Geometric Constraints • Orthographic Projection • Auxiliary Drawings • Section Drawings • Assembly Drawings • Oblique Drawings • Presentation Drawings • 3D printing • CAM 			

Technology and Engineering

Course Title Metals Manufacturing Processes	Course ID 03055A	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	\$20.00 lab fee covers all projects and one pair of safety glasses.			
Course Description	An introductory course to the basic processes used in the metals manufacturing industry. The student will develop basic skills and technical knowledge in the areas of machining, metal casting, sheet metal and welding. Students will be asked to work in small groups and individually to complete learning exercises.			
Units of Study	<ul style="list-style-type: none"> • Class procedures and lab safety • Inputs & materials • Careers • Measuring • Blueprint Reading • Metal casting • Milling • Turning • CNC milling • Drilling • Threading • G&M code • Welding • Sheet metal • Heat treatment 			

Course Title Metals Manufacturing 2	Course ID 13055B	Semester Year	Grade 10-12	Credit 1.0
Special Notes/Requirements	Prerequisite: Passing grade in Metals Manufacturing Processes. \$30.00 lab fee, this fee includes one pair of safety glasses. There is an additional cost for the mass produced product in the mass production unit. This is determined by the product chosen to mass produce. BTC articulated course.			
Course Description	This course provides a more in depth experience in the use of metal machining, welding, metal casting, sheet metal and mass production methods. Students will be required to work individually, and in small teams to complete various learning activities.			
Units of Study	<ul style="list-style-type: none"> • Class procedures and general safety • Careers • Measuring • Blueprint reading • Bill of Materials • Lathe turning applications • Advanced lathe turning applications • Milling • CNC milling • G&M code • Pattern development • Metal casting • GMAW Welding • Welding Fabrication • Mass Production 			

Technology and Engineering

Course Title Advanced Metals Manufacturing	Course ID 13055C	Semester Year	Grade 12	Credit 1.0 (Weight .5)
Special Notes/Requirements	\$20.00 lab fee, this includes one pair of safety glasses. The student is responsible for the cost of materials used. Prerequisite: passing grade in Metals 2 OR Introduction to Welding, Weighted class .5, BTC articulated course			
Course Description	The course is designed to further provide skills and knowledge in the use of metal machining, casting, welding and fabrication methods.			
Units of Study	<ul style="list-style-type: none"> • Instructional units are based on Individual Educational Plans that are planned between the instructor and the student. 			

Course Title Introduction to Welding	Course ID 13207	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	Welding gloves are required, \$25.00 lab fee, this includes one pair of safety glasses. BTC articulated course			
Course Description	The course will cover two main welding processes and three cutting processes. Safety in all aspects of welding and cutting will be covered along with career opportunities in the welding field.			
Units of Study	<ul style="list-style-type: none"> • Class procedure & safety • Foundational welding terms and career opportunities • Cutting processes • Welding symbols and blueprint reading • SMAW-Shielded Metal Arc Welding (Stick) • GMAW- Gas Metal Arc Welding (Wire) 			

Course Title Intermediate Welding	Course ID 13208	Semester Both	Grade 11-12	Credit 0.5
Special Notes/Requirements	Safety glasses and welding gloves are required, \$25.00 lab fee, Passing grade in Introduction to Welding, BTC articulated course			
Course Description	This course will build upon and expand the welding foundation set in the introduction course. Students will be required to do out of position welding assignments, fabrications and destructive weld test specimens. They will also complete a mass production activity incorporating welding fabrication skills.			
Units of Study	<ul style="list-style-type: none"> • Advanced welding terms and career opportunities • Welding symbols, inspection and blueprint reading • Cutting processes to include CNC plasma • SMAW-Shielded Metal Arc Welding (Stick) • GMAW- Gas Metal Arc Welding (Wire) • FCAW/MCAW – Flux core and Metal core welding • GTAW-Gas Tungsten Arc Welding (TIG) 			

Technology and Engineering

Course Title	Course ID	Semester	Grade	Credit
Home Maintenance & Repair	20149	Both	11-12	0.5
Special Notes/Requirements	\$10.00 lab fee, this includes one pair of safety glasses.			
Course Description	An activity oriented course for those students who want to learn practical skills to maintain a future home and automobile. Students will be engaged in group and individual activities to experience all facets of home maintenance issues.			
Units of Study	<ul style="list-style-type: none"> • Class procedures and general safety • Hand tools • Measuring • Hand power tools • General construction • Basic electricity • Basic plumbing • Drywall & painting • Basic tile installation • Automobile basics • Small engine basics 			

Course Title	Course ID	Semester	Grade	Credit
PLTW: Introduction to Engineering Design	21006	Year	9 - 12	1.0 (Weight 1.0)
Special Notes/Requirements	Concurrent college level math. College credit is possible for this course through various institutions such as MSOE, St Cloud and others. Credits are transferable to partner PLTW Universities around the country, including the UW-System. \$20 lab fee.			
Course Description	Introduction to Engineering Design is part of Project Lead the Way curriculum, which is a national organization that promotes pre-engineering courses for high school students. This course is recommended for any student pursuing any engineering career. Students will use team building and problem solving-skills by using the design and development process. Solutions are created, analyzed and communicated using 3D solid modeling software. Math and Science concepts are taught by practical hands-on applications.			
Units of Study	<ul style="list-style-type: none"> • Design Process • Technical Sketching and Drawing • Measurement and Statistics • Model Skills • Geometry of Design • Reverse Engineering • Documentation • Advanced Computer Modeling • Design Team • Design Challenges 			

Technology and Engineering

Course Title PLTW: Principles of Engineering	Course ID 21004	Semester Year	Grade 10 - 12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Must be sophomore level student currently taking or have taken math which includes Geometry and/or Trigonometry or higher. College credit is possible for this course through various institutions such as MSOE, St Cloud and others. Credits are transferable to partner PLTW Universities around the country, including the UW-System. \$20 lab fee.			
Course Description	This rigorous engineering course exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Students have the opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. This course is designed to help students understand the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers use math, science and technology in an engineering problem solving process to benefit people and society.			
Units of Study	<ul style="list-style-type: none"> • Mechanisms • Energy Sources • Energy Applications • Energy and Power • Statics • Material Properties • Material Testing • Structures • Machine Control • Fluid Power • Robotics • Programming • Statistics • Kinematics 			

Technology and Engineering

Course Title PLTW: Engineering Design & Development	Course ID 21007	Semester Year	Grade 11-12	Credit 1.0 (Weight 1.0)
Special Notes/Requirements	Students must have successfully completed a minimum of two PLTW courses. \$20 lab fee. College credit is possible for this course.			
Course Description	In this Project Lead the Way engineering capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate and justify a technical problem. After carefully defining the problem, teams design, build and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel.			
Units of Study	<ul style="list-style-type: none"> • Design Process • Identify a Valid Problem • Justify the Problem • Create a Solution • Develop a Design Proposal • Plan for the Prototype • Build the Prototype • Test Phase • Test the Prototype • Documentation and Presentation • Applying for a Patent 			

Technology and Engineering

Course Title PLTW: Computer Integrated Manufacturing	Course ID 21010G	Semester Year	Grade 10 -12	Credit 1.0 (Weight1.0)
Special Notes/Requirements	Concurrent college level math and successfully completed PLTW: Introduction to Engineering Design OR PLTW: Principles of Engineering. College credit is possible for this course through various institutions such as MSOE, St Cloud and others. Credits are transferable to partner PLTW Universities around the country, including the UW-System. \$20 lab fee.			
Course Description	<p>Computer Integrated Manufacturing is the study of manufacturing planning, integration, and implementation of automation. Students use 3-D computer software, Inventor, to solve design problems. The course explores manufacturing history, individual processes, systems, and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. The course is built around several key concepts: computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM), robotics and flexible manufacturing systems. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality, and efficiency. Computer Integrated Manufacturing is a high school level course that is appropriate for students interested in engineering, manufacturing and automation. CIM is one of the specialization courses in the Project Lead the Way high school pre-engineering program. The course applies and concurrently develops secondary-level knowledge and skills in mathematics, science, and technology.</p>			
Units of Study	<ul style="list-style-type: none"> • History of Manufacturing • Control Systems • Cost of Manufacturing • Designing for Manufacturing • How We Make Things • Product Development • Automation • Elements of Power • Robotic Programming • CIM Systems • Integration of Manufacturing Element 			

Technology and Engineering

Course Title Computer Aided Drafting & Design	Course ID 10002	Semester Both	Grade 9 - 12	Credit 0.5
Special Notes/Requirements				
Course Description	This course is designed to give the student a detailed introduction to the world of computer aided drafting and design. Software utilized in this course will be AutoCAD and Inventor; the vast majority of the semester will focus on AutoCAD. The course will cover intermediate AutoCAD functions, drawing commands, research and development, problem solving, engineering careers and an introduction to 3D design using Inventor. \$10 course fee			
Units of Study	<ul style="list-style-type: none"> • Introduction to AutoCAD • Creating Drawings • Manipulating Objects • Drawing Organization and Inquiry Commands • Altering Objects • Layouts • Annotating • Geometric Constraints • Orthographic Projection • Auxiliary Drawings • Section Drawings • Assembly Drawings 			

Course Title Power, Energy & Transportation	Course ID 20101	Semester Both	Grade 9 - 12	Credit 0.5
Special Notes/Requirements	This course is recommended for students to take that have an interest in further studies in the Small Engines and Automotive field. There is a \$10.00 course fee.			
Course Description	This course is designed to give the student a basic understanding of the Power, Energy, and Transportation systems used in industry and our society. This activity-oriented course includes units in AC and DC Electricity, Small Engines, Fluid Power, Land, Marine, Air and Space Transportation.			
Units of Study	<ul style="list-style-type: none"> • Introduction to Power, Energy & Transportation • Unit-1,2 and 9 • Drill Press and Band Saw Safety • Micrometer and Caliper Reading • Hand Tool Use and Identification • AC Electricity • DC Electricity • Fluid Power • Small Engines • Land Transportation • Marine Transportation • Air Transportation • Space Transportation 			

Technology and Engineering

Course Title Small Engines	Course ID 20110	Semester Both	Grade 10-12	Credit 0.5
Special Notes/Requirements	It is recommended that students take Power, Energy, and Transportation. There is \$10.00 course fee.			
Course Description	This course is designed to give students a basic understanding of how an engine functions. Upon the completion of the theory and operation portion of the class, students will spend time in the shop working on a 4-Cycle Engine that they bring in.			
Units of Study	<ul style="list-style-type: none"> • General Shop Safety • Hoist Safety • Tools and Measuring Devices • Engine Construction - Parts of a 4-Cycle Engine • 4-Cycle Engine Operation • 2-Cycle Engine Operation • Fuel System and Service • Ignition System and Service • Lubrication System and Service • Cooling System and Service • Preventive Maintenance • Mechanical System Service 			

Course Title Automotive Technology	Course ID 20106	Semester Year	Grade 11-12	Credit 1.0
Special Notes/Requirements	Students must have taken and passed Small Engines or have instructor's approval to take this course. There is \$10.00 course fee.			
Course Description	Basic automotive knowledge and skills are learned in this class. During the course of the year we will cover many chapters from our <u>Automotive Fundamentals</u> textbook. We will also continue to provide the MHS Automotive Service Center that was established in the 2000-01 school year. This is a yearlong service provided to MHS faculty and staff members.			
Units of Study	<ul style="list-style-type: none"> • Shop Safety - Hoist Operation • MHS Automotive Service Center Procedures • Tool Identification • Measuring Tools • Brakes and Brake Service • Tires and Tire Service • Suspension and Suspension Service • Steering Systems • Axles and Drives • Engine Operation and Classification • Transmissions • Minor Auto Body Work 			

Technology and Engineering

Course Title Woods Manufacturing	Course ID 13053A	Semester Both	Grade 9-12	Credit 0.5
Special Notes/Requirements	There is \$40.00 course and project fee. This course fee includes safety glasses and materials for both required projects.			
Course Description	Woods Manufacturing Processes 1 is designed to introduce the student to the wood manufacturing industry. The student will learn how to safely operate the machines. The student will learn how to take a piece of raw material (wood) and use the proper steps and machines to get the raw material into a usable form.			
Units of Study	<ul style="list-style-type: none"> • Class Policies & General Shop Safety • Nature of Wood • Wood Products and Lumbering • Careers in Wood Industry • Design, Planning, Blueprint Reading & Drawings • Squaring Procedures Single Piece of Stock • Safety Rules & Tests -- Machine Demos • Squaring Procedures Glued Pieces of Stock • Mass Production • 10-Hand Tool Identification and Use 			

Course Title Cabinet Making and Prototyping	Course ID 13053B	Semester Year	Grade 10-12	Credit 1.0
Special Notes/Requirements	Students must have taken and passed Woods Manufacturing-I There is \$70.00 Fee. This covers the first class project and one pair of safety glasses.			
Course Description	This class will introduce the student to advanced mass production planning and execution, along with basic cabinetmaking principles. The course is comprised of approximately one-fourth lecture and three-quarters laboratory time. The student will assist in the selection, development and production of a mass production product. The student will also research, develop, draw, plan and build at least on individual project (cabinet or piece of furniture) in the class.			
Units of Study	<ul style="list-style-type: none"> • Class Policies & General Shop Safety • Safety Rules & Tests • Student Machine Use • Hand Tool Identification and Use • Portable Power Tool Identification and Use • Project or Prototype Development Process • Project or Prototype Cost Estimation • Squaring Procedures • Furniture Characteristics and Construction • Fasteners • Wood Joints 			

Vocal Music

Course Title Chamber Choir	Course ID 05110B	Semester Year	Grade 9-12	Credit 1.0
Special Notes/Requirements	Mandatory attendance at the major concert each quarter Membership in Chamber Choir is by audition			
Course Description	A mixed choir for students who are committed to the advancement of singing voice, ensemble blend, performance skills, and teamwork through the study of varied repertoire.			
Units of Study	<ul style="list-style-type: none"> • Vocal Technique • Performance Preparation • Each unit will provide varied repertoire 			

Course Title Women's Choir	Course ID 05110W	Semester Year	Grade 9-12	Credit 1.0
Special Notes/Requirements	Mandatory attendance at major concerts each quarter *This course is a secondary ensemble. Students in Women's Choir are expected to be in either Concert Choir or Chamber Choir.			
Course Description	Women's Choir is a female ensemble that focuses on developing the female vocal abilities including blend, range, and technique through the study of varied repertoire for female ensembles.			
Units of Study	<ul style="list-style-type: none"> • The Unique Female Voice • Vocal Technique • Performance Preparation • Each unit will provide varied repertoire 			

Course Title Concert Choir	Course ID 05110A	Semester Year	Grade 9-12	Credit 1.0
Special Notes/Requirements	Mandatory attendance at the major concert each quarter			
Course Description	Concert Choir is a mixed ensemble that focuses on developing the basic high school skills including but not limited to: singing voice, ensemble blend, performance skills, and teamwork through the study of varied repertoire.			
Units of Study	<ul style="list-style-type: none"> • Vocal Technique • Performance Preparation • Each unit will provide varied repertoire 			

Vocal Music

Course Title	Course ID	Semester	Grade	Credit
Vocal Jazz	05121	Year	9-12	.5
Special Notes/Requirements	This course meets during zero (0) hour on Tuesday, Thursday and alternate Fridays for both semesters.			
Course Description	Students in this ensemble perform a variety of music with emphasis on part independence. A great deal of music is A cappella (no instrumental accompaniment).			
Units of Study				

World Language

Course Title German 1	Course ID 06201	Semester Year	Grade 9-12	Credit 1.0
Special Notes/Requirements	A passing grade for first semester is necessary to remain in class for the second semester. Students need to have a 1" 3-ring binder and may have to purchase a workbook.			
Course Description	First year students will develop their language and communication skills in practical settings using listening, speaking, reading and writing. Students are exposed to native-level language and text in order to develop the skills to understand and respond to authentic communication.			
Units of Study	<ul style="list-style-type: none"> • Biographical information • Family • School • Freetime Activities • Christmas in Germany • Berlin • Shopping • Occupations • Daily Routine • Clothing • Breakfast 			

Course Title German 2	Course ID 06202	Semester Year	Grade 9-12	Credit 1.0
Special Notes/Requirements	Successful completion of German 1 is required to take the course. A passing grade for the first semester is necessary to remain in this course for second semester.			
Course Description	Second year students will develop increased accuracy and proficiency in their ability to speak, write, and comprehend the language through expanded exploration of previous themes along with additional topics. Students are exposed to native-level language and text to develop the skills to understand and respond to authentic communication.			
Units of Study	<ul style="list-style-type: none"> • The Bundesliga (German soccer league) • Household Chores • Invitations to an Event • House • Stores • Places in a Town • Giving Directions • What I did this past year • Lunch and Supper • Friends 			

World Language

Course Title German in Context	Course ID 06208B	Semester Year	Grade 10-12	Credit 1.0
Special Notes/Requirements	Successful completion of German 1 and 2. A passing grade for the first semester is necessary to remain in this course for second semester.			
Course Description	Students expand and improve both verbal and written communication skills in the target language. The course continues the spiraling curriculum and prepares the students for further language study. Thematic based units with an emphasis on practical vocabulary and culture are used.			
Units of Study	<ul style="list-style-type: none"> • Teenage identity • German speaking countries • Holidays • Everyday life • Fashion • Modern Music • Film study • Environment • Future Plans 			

Course Title German Advanced	Course ID 06203B	Semester Year	Grade 11-12	Credit 1.0
Special Notes/Requirements	Successful completion of German 1, 2 and Context (or with teacher recommendation.) A passing grade for the first semester is necessary to remain in this course for second semester.			
Course Description	Students expand and improve both verbal and written communication skills in the target language. The course continues the spiraling curriculum and prepares the students for college level language study. Thematic based units with an emphasis on vocabulary, grammar and literacy are used.			
Units of Study	<ul style="list-style-type: none"> • Cliques and Teen issues • Germany in the EU • Holidays • Everyday life • Fashion • German Music • Film study • Short story • Environment • Educational/Future plans 			

World Language

Course Title	Course ID	Semester	Grade	Credit
German 5 German 5 CAPP	06205 06205C	Year Year	12 12	1.0 (Weight 1.0)
Special Notes/Requirements	Successful completion of Advanced German. This course may be taken for UW-Oshkosh credit (4 th semester, 5 credit course).			
Course Description	Students at this advanced level address all aspects of language learning to gain a greater proficiency and accuracy in all forms of communication. Students develop language skills and cultural sensitivity vital to success in the global marketplace. The course follows the university guidelines, but credit option is NOT required. Cost: Approximately \$500.00 or current discounted CAPP tuition for 3 credits at UW-Oshkosh			
Units of Study	<ul style="list-style-type: none"> • Freetime/Talents • Modern Communication • Fairy Tales • Modern Germany 		<ul style="list-style-type: none"> • Family in your Future • Music • Film study • Multi-cultural society 	

Course Title	Course ID	Semester:	Grade:	Credit
Spanish 1	06101	Year	9-12	1.0
Special Notes/Requirements	A passing grade for the first semester is required to remain in this course for second semester.			
Course Description	First year students will develop their language and communication skills in practical settings using listening, speaking, reading and writing. Students are exposed to native-level language and text in order to develop the skills to understand and respond to authentic communication.			
Units of Study	<ul style="list-style-type: none"> • Basics • Activities • Family 		<ul style="list-style-type: none"> • City • School • Food 	

Course Title	Course ID	Semester	Grade	Credit
Spanish 2	06102	Year	9-12	1.0
Special Notes/Requirements	Successful completion of Spanish 1 is required to take the course. A passing grade for the first semester is required to remain in this course for second semester.			
Course Description	Second year students will develop increased accuracy and proficiency in their ability to speak, write, and comprehend the language through expanded exploration of previous themes along with additional topics. Students are exposed to native-level language and text to develop the skills to understand and respond to authentic communication.			
Units of Study	<ul style="list-style-type: none"> • Review • Celebrations • Restaurant 		<ul style="list-style-type: none"> • House • Shopping • Vacations 	

World Language

Course Title Spanish in Context	Course ID 06108A	Semester Year	Grade 10-12	Credit 1.0
Special Notes/Requirements	Successful completion of Spanish 2 is required to take the class. A passing grade for the first semester is required to remain in this course for second semester.			
Course Description	Students will expand their ability to communicate in Spanish in situations which are presented in theme-based units. They develop their abilities to understand written and spoken Spanish, to interact with other students in informal conversations, and deliver written and spoken presentations. They are exposed to more advanced native-level language and text in order to develop the skills to understand and respond to authentic communication. A spiraling curriculum re-enters, reviews, and expands structures and vocabulary learned in the first two years of language study.			
Units of Study	<ul style="list-style-type: none"> • Who are we? • Summer activities • Childhood activities 		<ul style="list-style-type: none"> • Trips and Vacations • Famous Musicians and Music • Future Life 	

Course Title Advanced Spanish	Course ID 06103B	Semester: Year	Grade: 11-12	Credit 1.0
Special Notes/Requirements	Successful completion of Spanish in Context is required to take this course. A passing grade for the first semester is required to remain in this course for second semester.			
Course Description	Students continue to develop their abilities to converse, present their ideas to an audience and understand written and spoken Spanish. Students expand their ability to communicate about themes that focus on describing their own lives. They are challenged to view, read about, and discuss concepts that expand their perspectives in areas such as history, current topics, media, fiction culture, art, and famous people from Spanish speaking countries.			
Units of Study	<ul style="list-style-type: none"> • Summer • Friendship • Environment 		<ul style="list-style-type: none"> • Famous Latinos • Music • Future Plans • Family Issues 	

World Language

Course Title	Course ID	Semester	Grade	Credit
Spanish 5 Spanish 5 CAPP	06105 06105C	Year Year	12 12	1.0 (Weight 1.0)
Special Notes/Requirements	<p>Successful completion of Advanced Spanish and senior status are required to take the class. A passing grade for the first semester is required to remain in this course for second semester. There is an option to take this course for college credit through UW-Oshkosh.</p> <p>Cost: Approximately \$500.00 or current discounted CAPP tuition for 3 credits at UW-Oshkosh</p>			
Course Description	<p>Students at this advanced level address all aspects of language learning to gain a greater proficiency and accuracy in all forms of communication. Students develop language skills and cultural sensitivity vital to success in the global marketplace. The course follows the university guidelines, but credit option is NOT required.</p>			
Units of Study	<ul style="list-style-type: none"> • Summer activities • Work and Finance • Personal Relationships • Science and Technology • In the City • Free Time Activities • Media Influence • Beliefs and Ideas • Generations and Family • Natural Resources 			

MONROE HIGH SCHOOL

Virtual Course Application

Due March 15, 2017

Students Name: _____ **Date:** _____

Graduation Year: _____

Virtual Course Request(s):

By signing this contract, I understand that I must start and finish the courses in good standing in order to receive credit. I understand the virtual courses are self-paced and no instructor will be assigned to assist me in this course at Monroe High School. I understand that requesting this course will not guarantee that this course will be assigned to me this school year. Dropping the course(s) or failure in the course(s) will require repayment of any tuition or fees associated with the course.

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____

M-Book Application

Name _____ Current Grade Level _____

1. Will you be able to take the class for the ENTIRE YEAR?
Yes No
2. Will you have a study hall both semesters (Freshmen MUST have a study hall to join M-Book)
Yes No
3. Have you ever used a digital point & shoot camera? (this is any basic digital camera that is not also a phone).
Yes No
4. Have you ever used a digital SLR camera? (these have removable lenses)
Yes No
5. Are you able to take pictures before and after school (sports, events, concerts, etc.)
*You will be **required** to take a minimum of **4 photo assignments PER quarter***
Yes No
6. Are you afraid to stand in front of a large group of people while taking photos?
Yes No
7. Would you be afraid to approach an upperclassman who you do not know to ask questions or ask for a photo?
Yes No
8. Are you willing to work after school, before school, during your RP, and/or during your study hall if needed?
Yes No
9. What photographic experience do you have?
List classes that you've taken and/or number of years using specific equipment
10. What other extracurricular activities will you be involved in next year and how much time will you devote to each?
11. What experience do you have using Photo Software (Photoshop/Illustrator)?
12. Approximately how many absences did you have this year?

13. List any other photo/design/layout experience you have.

14. Why do you want to become a staff member of M-Book?

Please detach the Teacher Recommendation form and have two teachers fill them out and return them to Ms. Dilley through interschool mail.

Teacher Recommendation

M-Book Application

This form is part of a student application for M-Book (our high school yearbook). Please complete the form and turn it in directly to Ms. Dilley.

Student being recommended _____

Teacher making recommendation _____

From your experience with the student:

1. Does the student work well in a team environment?
Yes No
2. Does the student work well independently?
Yes No
3. Is the student responsible?
Yes No
4. Does the student have a reliable attendance record?
Yes No
5. Would you recommend the student for M-Book?
Yes No
6. Describe how you know the student. *(Have you taught the student? If so, which classes? Have you had the student in any clubs, activities, or sports?)*
7. Is there anything else that I should know when considering this student for acceptance into the M-Book class?

Teacher Recommendation

M-Book Application

This form is part of a student application for M-Book (our high school yearbook). Please complete the form and turn it in directly to Ms. Dilley.

Student being recommended _____

Teacher making recommendation _____

From your experience with the student:

8. Does the student work well in a team environment?
Yes No

9. Does the student work well independently?
Yes No

10. Is the student responsible?
Yes No

11. Does the student have a reliable attendance record?
Yes No

12. Would you recommend the student for M-Book?
Yes No

13. Describe how you know the student. *(Have you taught the student? If so, which classes? Have you had the student in any clubs, activities, or sports?)*

14. Is there anything else that I should know when considering this student for acceptance into the M-Book class?