Ripon High School

Academic and Career Planning Guide

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NOTE: The course booklet is an informational document that addresses a particular topic of interest to parents/guardians and students. Subsequent changes in the law or regulations, school board policy, or changes in the Department of Public Instruction policies could affect the validity of the information contained in the course booklet. Course booklet publications are updated regularly and are accurate on the date issued. The information provided in this document may not be all-encompassing and it is not intended to replace the law, school board policies or change its meaning. The course guide is subject to change without notice.

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Dear Students and Parents/Guardians:

This booklet is for your use in planning next year's course work. It is designed to give an overview of courses offered at Ripon High School. Students and their parents/guardians can use this information to plan a course of study that will allow the best possible preparation for life, post high school education, and career pursuits. Consideration needs to be given to individual abilities, extracurricular involvement, and personal goals and objectives when developing a plan for success. School counselors, faculty and administration will provide additional help in the process.

Please be certain that you make your choices carefully. There are wonderful opportunities offered at Ripon High School. We ask that you make sure that your course selections align with your career plan. If you have questions, please make an appointment with your School Counselor. Also remember that once your classes have been chosen and registered for next year, there will be no changes made unless a credit deficiency exists. This ensures proper maintenance of staff/student ratio as predicted by registration and models an equitable process for our students.

At RHS, it is our hope that academic and career planning will be made jointly by parents/guardians and students in consultation with a school counselor. Please remember that classroom teachers, the career specialist and administrators can also be valuable resources in the course selection process.

Sincerely,
Bill Kinziger
Ripon High School Principal

Academic and Career Planning

Ripon High School's Academic and Career Planning (ACP)

ACP is intended to equip students and their families with the tools necessary to make more informed choices about postsecondary education, training, careers for life after high school. It is part of DPI's overall vision for every student to graduate high school academically, socially, emotionally, and life ready.

4 Year Course Plan
Course selections based on academic and career goals

Career/Work Based Learning Experiences
Youth Apprenticeship, Internship, Job Shadow

Virtual ACP Portfolio in Xello

Career Clusters
High School Course Career Cluster Correlation Table

Extracurricular Activities
Clubs, Athletics

Assessment Results
Forward, ACT Aspire, ACT, PSAT, AP

Financial Plan
Complete Personal Finance, Economics, or AP Economics junior year

Potential Post-Secondary Education Options
Technical School, 2-year College, 4-year College, Specialty School, Apprenticeship, Work, Military

4 Year Course Plan

Subject Area	Grade 9	Grade 10	Grade 11	Grade 12
English 4 Credits	English 9 or English 9 Honors	World Literature or World Literature Honors	American Literature or American Literature Honors	.5 English Elective .5 English Elective
Social Studies 3 Credits	Global Studies (Summer School Option)	World History or AP Modern World History	US History or AP US History *Passing score on Civics test 65+	American Politics and Policies
Science 3 Credits	Physical Science	Biology	Chemistry or 1 credit science selection	
Math 3 Credits	Algebra 1	Geometry	Algebra 2	
Physical Education 1.5 Credits	PE9 selection	PE 10 selection	PE 11 selection	
Health .5 Credit	Health (Summer School Option)			
Financial Literacy .5 Credit			Economics or Personal Finance or AP Economics	
Vocational Arts .5 Credit	The Vocation Arts requirement is met by taking a course that has “V” as the third letter in the course number. These are found in the following departments: Agriscience, Business Ed., Family and Consumer Ed., and Technology Ed.			
Total Credits 24 minimum	24 Total Credits Minimum			

Career/Work Based Learning Experiences

Youth Apprenticeship

Youth Apprenticeship offers a course of study for juniors and seniors that combines learning in school with learning on the job. This is a paid experience and a grade will be assigned based on performance. Students learn employability skills and technical tasks within a specific career path developed by business and industry representatives in cooperation with high school teachers in the CTE area. The student's job is matched with the career interest in one of the areas. Students need to make initial contact with a placement site within their career pathway. Paperwork must be filled out and approved prior to the start of the enrolled semester/year.

Students apply in the Spring for jobs that will start during the summer of their junior or senior year or can come in with their own business connection. Businesses select the apprentices that are the best fit for their organizations and open positions; there are no forced placements. Once hired, apprentices spend part of their week learning at school and part of the week learning on the job.There is no GPA requirement. Students are responsible for their own transportation. Upon completion, students will earn industry certifications and potential of bridging the YA to a Registered Apprentice. Students enrolled in certain programs can also receive credit for UW Admissions.

Youth Apprenticeship Occupational Pathways

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Art, A/V Technology & Communications
- Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality, Lodging & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections, and Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics (STEM)
- Transportation, Distribution & Logistics

For more information on Youth Apprenticeship visit the Department of Workforce Development.

Interested students should contact:

Stacey Schoonover
Consultant, College & Career Readiness Center
920.236.0568 | sschoonover@cesa6.org
www.cesa6.org

Career/Work Based Learning Experiences

Internships

Juniors and seniors can earn up to one credit per semester. They earn 0.5 credits for every 75 hours of work. Students must submit an application to begin an internship.

Job Shadow

All students can participate in job shadow opportunities throughout the community. Students can request a job shadow through Inspire Wisconsin. Please contact your school counselor if you are interested in completing a job shadow.

Virtual ACP Portfolio in Xello

Xello is an all-new software that helps students in grades 6–12 create their very own, unique roadmap for future success—enabling them to discover their own personalized pathway through self-knowledge, exploration and planning. Built on a proven model for student success, Xello is aligned to Academic and Career Planning (ACP).

Interactive Lessons

9	10	11	12
About Me	About Me	About Me	About Me
Explore Career Factors	Careers and Lifestyle Costs	Career Demand	Career Backup Plans
Getting Experience	Program Prospects	Choosing a College or University	Career Path Choices
Personality Styles	Work Values	Entrepreneurial Skills	Defining Success
Study Skills and Habits	Workplace Skills and Attitudes	Work/Life Balance	Job Interviews

Academic and Career Assessments

Learning Styles, Personality Traits, Matchmaker (matching students interest and skill to possible career choices)

About Me

Good career decisions start with strong self-knowledge. With regular updates to the Experiences, Skills and Interests sections of About Me, students create a fuller picture of who they are.

Explore Options

Students are encouraged to browse, filter and research to learn more about the range of career, school and education programs available. The more exposure, the better!

Curate Saved Options

Review, reflect and update saved options overtime to keep pace with new learnings and evolving preferences. An up-to-date list of saved options is a great foundation for students' future planning.

Storyboard

Students can add content to their personal Storyboard at anytime. Ongoing, organic building of content allows students to create a rich archive of resources they value and develop a library of their proudest or most relevant accomplishments from each grade.

Build Plans

Keeping plans current requires periodic creation of new plans to reflect new interests and editing or deletion of existing plans. Ongoing planning allows students to gain experience with this critical skill, strengthening their ability to plan.

Xello Scope and Sequence

Career Clusters

Career clusters are broad occupational groupings that serve as an organizing tool, categorizing common knowledge and skill sets for secondary and postsecondary education. Career clusters use 16 broad groups of occupations and 79 pathways (sub-groups).

- 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, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

How do RHS courses correlate with the 16 career clusters?

View our Correlation Table below.

High School Course Career Cluster Correlation Table

Extracurricular Activities

Clubs

The extracurricular program also offers the opportunity to participate in the following activities. Please contact the staff member in parentheses to learn more about or to join the activity.

Academic Bowl
Key Club (Mr. Wiegel)
ACTIVO (Ms, Baird)
Math Team (Mrs. Truesdale)
Musical (Mr. Dodson)
Competition Cheer (Mrs. Conlon)
Art Club (Ms. Hoeppner)
National Honor Society (Mr. Roost)
Equestrian Club
One or Three Act Plays (Mr. Dodson)
Football Cheer (Mrs. Conlon)
Outdoors Club
Forensics (Mr. Wiegel)
Pit Band (Mr. Erickson)
Future Business Leaders of America (Mrs. Schmidt)
Science Club (Mr. Goeldi)
FFA (Mr. Pinchart)
German Club (Mrs. Seidler-Halwas)
Student Council (Ms. Baird)
Gender and Sexuality Alliance (Mrs. Monet-Bakken)
Swim Club
Homecoming Court (Student Council)
Winterfest/Spring Fling Court (Student Council)
Junior Prom Court (Junior Class)

Athletics

The high school athletic program offers the opportunity for both young men and women to participate at an interscholastic level. An athlete may participate in one sport per season. The following sports are offered with coaches names in parentheses; please contact them for information.

Baseball

Softball (Mr. Bruce)

Basketball

- Girls (Mr. Nodolf)
- Boys (Mr. Schnell-Harrison)

Tennis

- Girls (Mr. Brooks)
- Boys (Mr. Granados)

Cross Country (Mr. Gatzke)

Track (Mr. Gatzke)

Football (Mr. Selgrad)

Volleyball (Mr. Lyle)

Golf

Wrestling (Mr. Mlodzik)

Soccer

- Girls (Mr. Smallish)
- Boys (Mr. Nankervis)

Graduation Requirements

Graduation Requirements

To graduate from Ripon High School, a student must successfully complete the following credits and earn **24 total credits.**

4 English

Eng 9/ Honors

World Lit/ Honors

American Lit/Honors

1 Credit English Elective

3 Mathematics

Algebra 1> Geometry> Algebra 2

Geometry>Algebra 2>Trig/Pre-Calc

Algebra 2>Trig/Pre-Calc>Calculus

3 Social Studies

Global Studies

World History/AP

U.S. History/AP

American Politics and Policies

3 Science

Physical Science

Biology

1 Credit Science Elective

1.5 Physical Education

.5 PE 9

.5 PE 10

.5 PE 11/12

*Must take in 3 separate years

.5 Financial Literacy

Personal Finance,

Economics, or

AP Economics

.5 Vocational Art

Choose one course from:

Business (not Personal Finance)

Family and Consumer Education

Agriscience

Technical Education

.5 Health

Health

Academic Opportunities

College Level Coursework

AP Courses

Students may earn Advanced Placement (AP) for college in the following courses:

AP World History Modern	AP Economics	AP Calculus
AP Psychology	AP US History	AP Statistics
AP Music Theory	AP Spanish	AP Chemistry

These weighted courses are taught at RHS. In May, the student has the option to take the Advanced Placement test in that subject area. The cost of the exam(s) are covered by the school district. If the student does well on the exam, he/she may earn college credit. The criteria for college admission varies and is the responsibility of the student to make sure the college that he/she plans to attend accepts the AP test scores. Note: Students may also take the AP exam without taking the related RHS AP course.

For more information please visit College Board.

Transcripted Credit Technical College Courses

Students may take the following courses for Technical College credit:

Accounting I	Microsoft Word/Excel/Powerpoint
Accounting II	Photoshop
Foundations of Early Childhood	Graphic Arts
Intro to Business	

These courses are taught at RHS and students may earn dual credit at Moraine Park Technical College. There is no cost as determined by the University or Technical College.

College Level Coursework

CAPP (Cooperative Academic Partnership Program) Courses

Students may take the following for CAPP credit:

College Writing	3 College Credits
Astronomy 103 The Solar System	4 College Credits
Astronomy 104 Stars & Galaxies	4 College Credits
Biology 104 Ecosystem in Crisis	4 College Credits
Biology 105 Biological Concepts	4 College Credits
Physics 171	5 College Credits

These are weighted courses and are taught at RHS. Students may earn dual credit at UW Oshkosh, providing they meet one of the following requirements:

- Be in upper 25% of their class
- Have a cumulative GPA of at least 2.75
- Have an ACT score of at least 24 **AND** in the upper 50% of their class

If students decide they would like to enroll for dual credit, they must obtain an enrollment form from the CAPP teacher. Tuition costs associated with participating in the CAPP program are covered by the school district. Students will also be required to complete an online application for UW Oshkosh the summer before the class begins.

For more information on CAPP Courses visit: Home - Cooperative Academic Partnership Program.

Early College Credit Program (ECCP) and Start College Now (SCN)

Students are eligible to take one or more courses at a UW or private college/university for high school and/or college credit through the ECCP. Students are also eligible to take courses for high school and/or college credit through a technical college through the SCN Program. Tuition and book costs associated with participating in the ECCP/SCN program are covered by the school district. Requests are due in the Student Services office by October 1st for the spring semester, February 1st for the summer term (ECCP only), and March 1st for the fall semester classes. Requests must identify the courses to be taken and have the student(s) and parents' signatures. Legislature does change from time to time. Please contact the student services office for current district practices.

Early College Credit Program Applications

- University of Wisconsin System Application
- Wisconsin Association of Independent Colleges and Universities (WAICU) Application

Start College Now Application

COLLEGE CLASSES TAKEN OUTSIDE OF ECCP/SCN

Students who elect to take college classes that they pay for, provided they are an accredited school, will earn high school credit using the same formula as ECCP/SCN.

Global Education Achievement Certification Program (GEACP)

The Global Achievement Education Certification Program to global scholars is offered to Ripon High School students who have demonstrated a strong interest in global citizenship by successfully completing a global education curriculum and engaging in co-curricular activities and experiences that foster the development of global competencies. This program focuses and validates the global partnerships that we have established with our sister schools in china. It encourages students to enroll in classes with global content in the arts, sciences, and humanities, and prepares globally competent students who are career ready.

Program Criteria:
The Global Education Achievement Certificate and transcript endorsements shall be awarded to students who have demonstrated a dedication to global education by successfully fulfilling the recommended criteria in the following four (4) areas:

Component 1: Coursework

- Four (4) credits in one world language.
- Four (4) credits in courses with global content. One of those credits may be one year of a second world language. Please see your guidance counselor for a complete list of courses that can be taken to qualify for GEAC.

Component 2: Cultural Literacy

- Reflections on eight books (fiction or nonfiction) with global content. Alternately, up to four reflections may be on art, music, or film.

Component 3: Co-Curricular and School-Sponsored Activities

- Participation in school wide global activities. Please see your guidance counselor for a list of globally focused extracurricular activities currently offered at RHS.
- Additional activities may include:
  - International exchange program as an exchange student and/or host
  - Travel abroad program/educational tour
  - Regular, direct engagement with individuals from other countries/cultures (e.g., pen pals, skype)
  - Language and other internationally focused clubs, honor societies
  - Internationally themed programs/competitions for high school students
  - International programs offered by colleges/universities
  - Organizing and running internationally themed events (e.g., international fairs, language days)
  - Lectures on international topics and/or speakers in the community or at a college/university

Component 4: Community Service

- A minimum of twenty (20) hours of global service learning to include a global/cross-cultural public service project.

To learn more about the Global Education Achievement Certificate, contact your school counselors or visit the district website.

Courses at RHS students can take for the Global Education Achievement Certificate

English	**Social Studies**	**World Language**	**Music**
World Lit Honors	Global Studies	Spanish (levels 1-5)	AP Music Theory
British Lit Honors	World History	German (levels 1-5)	Band
Mythology	AP Economics		Choir
	AP World History		

Globally focused extracurricular activities currently offered at RHS: Spanish Club, German Club, Future Business Leaders of America (FBLA), UW-Madison German Day competition, International Engineering and Leadership Summer Camp Participant, American Association of German Teachers (AATG) National German Exam for German 1 - 5 students, Hosting International Students, German Language and School Society (DSSV) annual essay contest for German 3-5 students, Music Department Travels Abroad, World Language Travels Abroad plus hosting opportunities for Ripon families, Regional and State of Wisconsin German Pronunciation and Speaking Contest, International Engineering and Leadership Summer Camp Host/Peer Mentor

Project Lead the Way

Project Lead the Way is a national curriculum that engages in thought-provoking project-based learning that requires critical thinking skills in engineering and/or computer sciences. PLTW may allow students to earn college credit through Milwaukee School of Engineering (MSOE) depending on grade and the end of the course assessment..

Visit Project Lead the Way for more information.

PLTW ENGINEERING PATHWAY	
SUGGESTED SEQUENCE	**RHS COURSE**
1	PLTW Intro to Engineering (IED)
2	PLTW Computer Integrated Manufacturing (CIM)
3	PLTW Engineering Design and Development (EDD)

PLTW COMPUTER SCIENCE PATHWAY	
SUGGESTED SEQUENCE	**RHS COURSE**
1	PLTW Computer Science Essentials (CSE) (replaces Intro to Computer Science ICS)
2	PLTW AP Computer Science Principles (CSP)
3	PLTW Cybersecurity *inactive

Other Opportunities

Independent Study

Juniors and seniors can do an Independent Study with a teacher of choice. They can earn 0.5 credit per course and there is a maximum of two Independent Study courses over two years. Students must submit an application.

Online Courses

The Wisconsin Virtual School courses are designed to be completed within a RHS semester for 0.5 credits per course. Application/Contract Forms are filled out by the student and parent and delivered to student services. When there is a question on course suitability, the principal is contacted before the online course is scheduled. See the WVS website for current course list, syllabi and material requirements.

NCAA Potential collegiate student-Athletes

Student-athletes wishing to compete in athletics at division 1 or 2 institutions, (athletic scholarship schools,) need to register with the National Collegiate Athletic Association Clearinghouse. Registration forms and information describing regulations and eligibility can be obtained by visiting the Clearinghouse website (NCAA Eligibility Center). Eligible students must check to see whether the high school courses that are being requested are NCAA approved courses. See your coach or school counselor for additional information.

All students wishing to be a student-athlete in college should also be familiar with this website: Future | NCAA.org - The Official Site of the NCAA.

Scheduling Information

Scheduling Information

Introduction

The scheduling process is the shared responsibility of students, parents, teachers, and counselors. A collaborative effort is crucial to ensure personalized educational programming for all students and their future college and career plans.

Parents assist their children in the request process by discussing options with them and helping them analyze their individual interests, needs, and goals. Parental involvement provides students with the support, encouragement, and knowledge needed for this important step in their educational and career planning.

Teachers are available to discuss the curriculum with students in an effort to provide an understanding of the many course options available. In order to be appropriately placed and meet the necessary requirements, students are encouraged to seek their teachers' recommendations.

Counselors are available to assist students, parents, and teachers in developing a comprehensive educational plan. The counselors have the skills, experience, and accessibility to records necessary to help students with the course request process. Counselors can also help students and their families align the student's career plan with their educational plan to ensure college and career readiness.

Students are provided information about all courses available to them through the Academic and Career Planning Guide. Students should collaborate with their parents, counselor, and teachers as they request courses that both challenge and prepare them for life after High School.

Schedule Change/Modification

Students should carefully consider their choices when the next year's scheduling is done in order to avoid the need for schedule changes. However, it is understood that in some cases it is necessary to change a schedule once it has been finalized. In order to change a finalized schedule, one of the following conditions must exist:
The student needs to reschedule a required class in which a semester grade of "F" was received.
The student provides a valid reason to make a schedule change, and it is approved by school counselors or administration.
A teacher requests a schedule change and provides a valid reason to make a schedule change, and it is approved by school counselors or administration.

It is preferable that schedule changes be made before the scheduled semester begins. During the first five (5) school days of the semester, students may be allowed to drop and/or add a class. Following this, students will have five (5) additional school days in which they may drop and/or add a class only with the permission of all teachers and a parent. An Add/Drop Form must be completed and signed by the involved parties. After the first ten (10) school days of a semester, students will not be allowed to add a class, and dropping a class will normally result in the student receiving an "F" on their permanent record for that class.

If a student or parent feels that there are extraordinary circumstances that would justify a schedule modification after the first ten (10) school days of a semester, that individual should contact guidance or administration, such requests are decided on a case by case basis.

Scheduling Information

Counselors hold scheduling presentations for grades 8-11 in Fall. Course planning sheets are given to each student to aid in their planning. Students will be using Infinite Campus to make course requests. Under the Academic Planning tab, students will be able to fill in their academic plan. Students are only requesting courses for the upcoming school year and will be planning for the remaining year(s). Please note course plans for the years following the next year can be changed and are not locked in.

This slideshow describes important scheduling vocabulary, graduation requirements, and step-by-step instructions for selecting course requests.

Course Request Steps

1. Attend Scheduling Presentation
2. Explore Courses
    a. ACP Handbook
3. Complete Course Plan(s)
    a. Freshman Year
    b. Sophomore Year
    c. Junior Year
    d. Senior Year
4. Enter and Save Requests in Infinite Campus
5. Check-in with School Counselor
6. Parent Notification
    a. Parents will receive a copy of their child's requests for their viewing/input after requests have been finalized

Please contact your child's school counselor with any questions or concerns.

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Mrs. Vogelsang (Last names M-Z)
vogelsangl@ripon.k12.wi.us

Course Offerings

At-a-Glance

Agriscience

COURSE	PREREQUISITE(S)	9	10	11	12
AGV108 **Introduction to Agriculture**	None	E	E	E	
AGS109 **Exploring Food Science ES**	None		ES	ES	ES
AGS110 **Animal Science ES**	None	ES	ES	ES	ES
AGV120 **Pet and Companion Animals**	None	E	E	E	E
AGS125 **Horticulture and Plant Design ES**	None	ES	ES	ES	ES
AGS113 **Plant and Soil Science ES**	None		ES	ES	ES
AGS216 **Natural Resource Management ES**	None	ES	ES	ES	ES
AGS218 **Wildlife Conservation ES**	None		ES	ES	ES
AGS311 **Vet Science ES**	None		ES	ES	ES
AGS315 **Biotechnology ES**	None		ES	ES	ES
AGV353 **Leadership**	None		E	E	E
AGV351 **Agribusiness and Leadership *inactive**	None				E
E= elective course ES= elective science course					

Agriscience Pathways

ANIMAL SYSTEMS	FOOD PRODUCTS & PROCESSING	NATURAL RESOURCE SYSTEMS	PLANT SYSTEMS	ENVIRONMENTAL SERVICE SYSTEM	CAREER READY PRACTICES
Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture	Introduction to Agriculture
Animal Science	Exploring Food Science	Natural Resource Management	Horticulture and Plant Design	Wildlife Conservation	Biotechnology
Pet and Companion Animals			Plant and Soil Science		Agribusiness and Leadership
Vet Science					

Art

COURSE	PREREQUISITE(S)	9	10	11	12
AR110 **Foundations of 2-Dimensional Design**	None	E	E	E	E
AR111 **Foundations of 3-Dimensional Design**	None	E	E	E	E
AR112 **Painting and Drawing**	Foundations of 2-Dimensional Design		E	E	E
AR113 **Applied Design (offered in odd graduation years)**	Foundations of 2-Dimensional Design or Foundations of 3-Dimensional Design		E	E	E
AR114 **Ceramics and Sculpture (offered in even graduation years)**	Foundations of 3-Dimensional Design		E	E	E
AR212 **Advanced Painting And Drawing**	2D, Painting and Drawing			E	E
AR213 **Advanced Applied Design (offered in even graduation years)**	2D or 3D and Applied Design			E	E
AR214 **Advanced Ceramics And Sculpture (offered in odd graduation years)**	3D, Ceramics and Sculpture			E	E
AR310 **Community Art Project (offered in even graduation years)**	2D, 3D, 1 Self Titled and 1 Advanced			E	E
AR320 **Portfolio Preparation *inactive (offered in odd graduation years)**	2D, 3D, 1 Self Titled and 1 Advanced			E	E
ARV210 **The Art of Welding *inactive**	None		E	E	E
992 **General Art**	None	T	T	T	T
E= elective course T=teacher request Recommended: Take 2D & 3D your Freshman year so you will be covered for the next levels your sophomore year					

Business Education

COURSE	PREREQUISITE(S)	9	10	11	12
BU109 **Personal Finance**	None			R*	R*
BUV110 **Introduction to Business (TC)**	None	E	E	E	E
BUV111 **Microsoft Word/Excel/Powerpoint (TC)**	None	E	E	E	E
BUV114 **Risky Business *inactive**	None		E	E	E
BUV120 **Employability Skills**	None	E	E	E	E
BUV210-211 **Accounting 1(TC)**	None		E	E	E
BUV310-311 **Accounting 2 (TC)**	Accounting 1 and teacher approval			E	E
BUV320 **Medical Explorers (TC)**	None, serious interest in medical field			E	E

E= elective course
R*= Satisfies the financial literacy requirement for graduation, other options include Economics or AP Economics
TC=Transcripted course with Moraine Park Technical College

English

COURSE	PREREQUISITE(S)	9	10	11	12
EN110-111 **English 9**	None	R			
EN120-121 **English 9 Honors**	None	R			
EN210-211 **World Literature**	English 9		R		
EN220-221 **World Literature Honors**	English 9		R		
EN310-311 **American Literature**	World Literature			R	
EN320-321 **American Literature Honors**	World Literature			R	
1 CREDIT ELECTIVE ENGLISH CREDIT REQUIRED FOR GRADUATION					
EN270 **Contemporary Fiction**	None	E	E		
EN275 **Speech**	None	E	E		
EN250 **Creative Writing** NCAA	English 12			E	E
EN423 **Mythology**	English 12				E
EN424-425 **Journalism** NCAA	English 12				E
EN427 **Film Studies** NCAA	English 12				E
EN428 **Gothic Literature** NCAA	English 12				E
EN429 **Poetry** (offered in even graduation years) NCAA	English 12				E
EN430 **British Literature** (offered in odd graduation years) NCAA	English 12				E
EN440 **Senior Writing**	English 12				E
EN442 **Senior Reading**	English 12				E
EN510 **CAPP College Writing** (Weighted) NCAA	English 12				E
R= required course E=Elective Course					

Family and Consumer Science

COURSE	PREREQUISITE(S)	9	10	11	12
FCV110 **Foods 1**	None	E	E	E	E
FCV111 **Foods 2**	Foods 1	E	E	E	E
FCV212 **Foods 3**	Foods 1 and Foods 2		E	E	E
FCV211 **Child Development**	None		E	E	E
FCV309 **Strengthening Self & Family**	None	E	E	E	E
FCV311 **Foundations of Early Childhood**	Child Development		E	E	E
E= elective course					

Mathematics

COURSE	PREREQUISITE(S)	9	10	11	12
MT120-121 **Algebra 1** NCAA	None	R			
MT220-221 **Geometry** NCAA	Algebra 1		R		
MT320-321 **Algebra 2** NCAA	Geometry			R	
MT420-421 **Trigonometry/Pre-Calculus** NCAA	Algebra 2				
MT532-533 **AP Statistics** NCAA	Algebra 2				
MT5530-531 **AP Calculus** NCAA	Trig/Pre-Calc				
R=required course E= elective course T=teacher request					

NOTE
Graduation Requirements: Students must have 3 credits of mathematics to graduate. It is strongly recommended that University-Bound students take Algebra 1, Geometry, Algebra 2, and Trigonometry/Pre-Calculus or AP Statistics, depending on their major. Accelerated students should also take AP Calculus and/or AP Statistics Note: Most 4-year colleges and universities require the completion of Algebra 2 A & B.

Music

COURSE	PREREQUISITE(S)	9	10	11	12
Zero Hour: MSF118-119 or 6th Hr: MSF120-121 **Concert Band**	Middle School Band participation. Beginners admitted through audition	E	E	E	E
MSF122-123 **Jazz Ensemble**	Enrolled in Concert Band	E	E	E	E
MSF124-125 **Jazz Ensemble AO (Audition Only) *inactive**	Admittance by audition only and enrolled in Concert Band	E	E	E	E
MSF-200-201 **Zero Hour Show Choir**	None	E	E	E	E
MSF206-207 **Vox Tigris**	None	E	E	E	E
MSF208-209 **Vox Nova *inactive**	None	E	E	E	E
MSF210-211 **Varsity Treble Choir *inactive**	Satisfactory completion of one year (or two semesters) of 7th/8th/HS Choir and instructor consent. Admittance by application only	E	E	E	E
MSF212-213 **Honors Choir**	Admittance by application only	E	E	E	E
MSF520-521 **AP Music Theory**	Junior or Senior status			E	E
MSF250 **Beginning Piano**	None	E	E	E	E
MSF251 **Intermediate Piano**	Beginning Piano	E	E	E	E
MSF **Adaptive Music**	None	T	T	T	T
E= elective course T=teacher request					

Physical Education

COURSE	PREREQUISITE(S)	9	10	11	12
PE110-111 **PE 9/10 Activities (Pending)**	None	E	E		
PE310-311 **PE 11/12 Activities (Pending)**	None			E	E
PE120 Health	None	R			
PE210-211 **Strength and Conditioning 9/10 (Pending)**	None	E	E		
PE330-331 **Strength and Conditioning 11/12 (Pending)**	None			E	E
PE 325 **Zero Hour Strength and Conditioning First Semester**	None	E	E	E	E
PE 326 **Zero Hour Strength and Conditioning Second Semester**	None	E	E	E	E
PE345 **Outdoor/Lifetime Adventures**	None			E	E
PE101 **Adaptive Physical Education**	None	T	T	T	T
R= required course T=teacher request					

NOTE
1.5 credits of physical education coursework in three separate years are necessary to meet graduation requirements

Science

SCIENCE COURSE	PREREQUISITE(S)	9	10	11	12
SC125-126 **Physical Science** NCAA	None	R			
SC230-231 **Biology** NCAA	Physical Science or concurrent enrollment		R		
1 CREDIT ELECTIVE SCIENCE CREDIT REQUIRED FOR GRADUATION					
SC310-311 **PLTW Principles of Engineering (POE)** NCAA	Biology			E	E
SC312-313 **Anatomy and Physiology** NCAA	Chemistry or concurrent enrollment			E	E
SC316 **Genetics and Human Inheritance** NCAA **(offered in even graduation years)**	Physical Science and Biology			E	E
SC320-321 **Chemistry** NCAA	Physical Science and Biology or concurrent with Biology		E	E	E
SC322-323 **Physics** NCAA	Geometry and Biology or concurrent with Biology			E	E
SC344 **CAPP Astronomy 103-The Solar System** NCAA **(offered in even graduation years)**	Geometry			E	E
SC345 **CAPP Astronomy 104- Stars & Galaxies (Weighted) (offered in even graduation years)** NCAA	Chemistry			E	E
SC492 **Independent Research Science *inactive**	None			E	E
SC524-525 **CAPP Physics 171 (Weighted) (offered in odd graduation years)**	Trig./Pre-Calc, or concurrent enrollment			E	E
SC530 **CAPP Biology 105 Biological Concepts (Weighted)** NCAA	Biology, Chemistry meeting of CAPP criteria			E	E
SC531 **Research Science *inactive**	Biology			E	E
SC532-533 **CAPP Biology 104 Ecosphere in Crisis (Weighted) (offered in odd graduation years)** NCAA	Biology, meeting of CAPP criteria			E	E
R= required course E=elective course					

Science Pathways

	CAREER/TECH READY	MEDICAL	MEDICAL (ADVANCED)
9th Grade	Physical Science	Physical Science	Physical Science
10th Grade	Biology	Biology	Biology and Chemistry
11th Grade	Chemistry, POE, Earth Science, Agriculture class or Science Research	Chemistry AND Anat/Phys	AP Chem and/or Anat/Phys and/or Physics
12th Grade	Wildlife, Chemistry, Advanced Animal, Science Research, Physics, or CAPP Biology 104/105	Physics or AP Chem	Physics or AP Chem or Bio 105 and Human Genetics

	GENERAL COLLEGE	SCIENCE/ENGINEERING
9th Grade	Physical Science	Physical Science & Biology
10th Grade	Biology	Chemistry or Physics
11th Grade	Chemistry, Physics, POE or Science Research	POE, or AP Chem/CAPP Physics or Chem/Physics, or Anat/Phys or Independent Research or Science Research
12th Grade	Anat/Phys, Physics, CAPP Biology 104/105 or AP Chem/Physics	CAPP Astronomy, CAPP Bio, AP Chem/Physics, Independent Research or Science Research

Social Studies

COURSE	PREREQUISITE(S)	9	10	11	12
SS110 **Global Studies** NCAA		R			
SS210-211 **World History** NCAA			R		
SS310-311 **AP World History** NCAA			R		
SS310-311 **U.S. History** NCAA				R	
SS522-523 **AP U.S. History** NCAA				R	
SS330-331 **Junior Seminar-US History/ American Lit** NCAA *inactive				R	
SS410 **American Policies/Politics** NCAA					R
SS320 **Multicultural America** NCAA ***inactive**				E	E
SS323 **Women's Studies** NCAA				E	E
SS324 **History Reading Workshop *inactive**				E	E
SS413 **Economics*** NCAA				R*	R*
SS526-527 **AP Psychology (Weighted)** NCAA				E	E
S528 **AP Macroeconomics (Weighted)*** NCAA				R*	R*
SS529 **AP Microeconomics (Weighted)** NCAA				R*	R*

R=required course E=elective course
R*= Satisfies the financial literacy requirement for graduation, other options include Personal Finance

Technology Education

COURSE	PREREQUISITE(S)	9	10	11	12
Transportation					
TEV230 **Energy & Transportation 1**	None		E	E	E
TEV231 **Energy & Transportation 2**	Energy & Transportation 1			E	E
Construction					
TEV120 **Intro to Manufacturing/ Construction**	None	E	E	E	E
TEV223 **Home Improvement**	Intro To Manufacturing/Construction		E	E	E
TEV222 **Building Construction**	Home Improvement			E	E
Engineering					
TEV130-131 **PLTW Intro to Engineering Design (IED)**	None	E	E	E	E
TEV260-261 **PLTW Computer Integrated Manufacturing (CIM)**	PLTW IED or PLTW POE		E	E	E
PLTW Engineering Design and Development (EDD) *inactive	PLTW CIM			E	E
Manufacturing					
TEV120 **Intro to Manufacturing/ Construction**	None	E	E	E	E
TEV232 **Manufacturing Processes**	Intro to Manufacturing/ Construction		E	E	E
TEV330 **Manufacturing Production**	Manufacturing Processes			E	E
Marketing/Graphic Design					
TEV110 **Graphic Arts 1(TC)**	None	E	E	E	E
TEV210 **Graphic Arts 2**	Graphic Arts 1		E	E	E
TEV310-311 **Media Production/Yearbook Design**	None				E
PLTW Computer Science					
TEV125-126 **PLTW Computer Science Essentials (CSE)**	None	E	E	E	E
TEV290-291 **PLTW AP Computer Science Principles (CSP)**	PLTW CSE		E	E	E
PLTW Cybersecurity *inactive	PLTW CSP			E	E
TEV120 **Intro to Manufacturing/ Construction**	None	E	E	E	E
TEV220 **Woodworking 1**	Intro to Manufacturing/Construction	E	E	E	E
TEV221 **Woodworking 2**	Woodworking 1		E	E	E
Technology Electives					
TEV160 **Genius Bar *inactive**	Basic Technology Skills		E	E	E
TEV320 **Photoshop (TC)**	None			E	E
E= elective course TC= Transcripted Course with Moraine Park Technical College					

World Language

COURSE	PREREQUISITE(S)	9	10	11	12
WL110-111 **Spanish 1** NCAA	None	E	E	E	E
WL210-211 **Spanish 2** NCAA	Spanish 1	E	E	E	E
WL310-311 **Spanish 3** NCAA	Spanish 2	E	E	E	E
WL410-411 **Spanish 4** NCAA	Spanish 3	E	E	E	E
WL510-511 **AP Spanish** NCAA	Spanish 4	E	E	E	E
WL 101-102 **Spanish Literacy for Heritage Students *inactive**	Native Speaker	E	E	E	E
WL120-121 **German 1** NCAA	None	E	E	E	E
WL220-221 **German 2** NCAA	German 1	E	E	E	E
WL 320-321 **German 3** NCAA	German 2	E	E	E	E
WL420-421 **German 4** NCAA	German 3	E	E	E	E
WL520-521 **German 5** NCAA	German 4	E	E	E	E
E= elective course					

Additional Course Offerings

COURSE	PREREQUISITE(S)	9	10	11	12
ID200 **PRINCIPLES OF LEADERSHIP *inactive**	None	E	E	E	E
E= elective course					

Course Offerings

Details and Descriptions

Agriscience

Agriscience

INTRO TO AGRICULTURE **AGV108**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

If you enjoy animals, wildlife, plants and the outdoors, then you will be amazed at the career opportunities explored in this introductory class. Students will study how food is produced, harvested, processed and marketed. Overall, this course will give students the opportunity to explore many areas of agriculture. It will also allow them to get a better understanding of what the other agriculture courses would cover.

EXPLORING FOOD SCIENCE **AGS109**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

Do you enjoy eating and cooking? Check out Exploring Food Science to learn about one of the fastest growing career areas in agriculture. This class will track agricultural products from the farmer to the consumer. Students will investigate key players and trends in the food industry. The class will be conducting labs and working with conversions, equipment, food preservation, leavened foods, dairy products, meats, and more. Students will also gain an understanding of food safety and careers in food science.

ANIMAL SCIENCE **AGS110**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

Do you want to learn where our food comes from, how to apply stitches, and why cows have 4 stomachs? This course will explore many aspects of agriculture and its relationship to food with lots of hands-on activities. We will focus on agriculture methods, careers, controversies, agriculture's role in society, animal anatomy, digestion, nutrition, reproduction, animal health/diseases, and veterinary medicine. This course will focus mainly on topics relating to large animals (cows, horses, sheep, etc). Careers within Animal Science will also be explored.

VET SCIENCE **AGS311**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

Students in this course will learn about animal health and diseases. Students will discuss various prevention and treatment methods. Techniques associated with safety and biosecurity will be addressed. Careers within Animal Science will also be explored. This course is offered with an option for college credit with Lakeshore Technical College. This course will count toward a science credit on your transcript.

Agriscience

PLANT AND SOIL SCIENCE **AGS113**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

This course is designed to give students a working knowledge of some of the most popular and widely used crops in the area. We will focus on soil makeup and what it has to offer to the farmer in terms of nutrients and structure. This will play into the crops that are grown in soil. Conservation techniques and nutrient management will also be discussed. This course is offered with an option for college credit with Lakeshore Technical College.

NATURAL RESOURCE MANAGEMENT **AGS216**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

This course will cover the various aspects of natural resource management with a focus on soil science and water quality. Students will learn about types of soil, soil development, and conservation methods. Students will perform a variety of experiments dealing with natural resource concepts through class discussion, labs and outdoor activities. This course is offered with an option for college credit with Lakeshore Technical College.

WILDLIFE CONSERVATION **AGS218**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

This course will cover the basics of wildlife conservation. You will learn the necessary skills and content to be able to identify common Wisconsin wildlife animals and plants. This course will be composed of a lot of content that is heavy on memorization. At the end of the course, you will have the knowledge and skills to understand the foundation of wildlife conservation. This course will then lead into Wildlife 2 (which will look closer at specific animal species).

BIOTECHNOLOGY **AGS315**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

This course will introduce students to various applications of biotechnology within the agriculture industry. These applications range from electrophoresis, EPD's, genetic engineering, microbiology, tissue/cell culturing to cloning, and more! Students will also be introduced to current issues within agriculture and examine the ethical concerns of using biotechnology to solve these issues.

Agriscience

HORTICULTURE AND PLANT DESIGN **AGS125**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

General Horticulture exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. Topics addressed include; greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design. FFA is a component of this course.

PET AND COMPANION ANIMALS **AGV120**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

This course provides students with practical knowledge of pet care and explores career opportunities in the pet industry. Care, management and, where appropriate, training of traditional pets such as cats, dogs, birds, fish, guinea pigs and hamsters; working animals like dogs and exotic animals such as reptiles and amphibians will be addressed. Topics include nutrition, health management, reproductive management, diseases, and safety. FFA will be a component of this course.

LEADERSHIP **AGV353**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None

This course will allow students to grow in their knowledge of leadership skills and continue to learn a deeper understanding of agriculture overall.

AGRIBUSINESS AND LEADERSHIP **AGV351**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): None

This course is designed for students planning an agribusiness career after graduation and those students planning post-secondary education at a technical school or college. A unit in career opportunities and selection for the farm and non-farm student is included. The business aspects of agriculture, including human relations, economics, accounting, and finance organizations will be covered as they relate to the agribusiness industry.

Art

Art

FOUNDATIONS OF 2-DIMENSIONAL DESIGN **AR110**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

Foundations of 2-Dimensional Design is open to all students and has no prerequisites. This one semester course introduces students to the world of 2-Dimensional Visual Arts. The Elements of Art and Principles of Design are explored and applied through various 2-Dimensional media, artists, and cultures. Studio experiences give students opportunities to experience how the Elements of Art and Principles of Design are applied using a variety of 2-D media. Possible media include; graphite pencil, pen, conte' crayons, India ink, charcoal, chalk pastel, oil pastel, watercolor, acrylic, and tempera paint. Technical skills, individual style, and creative problem solving skills are emphasized in this course. Students will demonstrate their ability to critique, analyze, and interpret their own artwork and the work of others through discussions, formal verbal critiques, as well as, in written critiques.

FOUNDATIONS OF 3-DIMENSIONAL DESIGN **AR111**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

Foundations of 3-Dimensional Design is open to all students and has no prerequisites. This one semester course introduces students to the world of 3-Dimensional Visual Arts. The Elements of Art and Principles of Design are applied using a variety of 3-D media. Possible media include: paper, wood, metal, plaster, paper mache, and clay. Technical skills, individual style, and creative problem solving skills are emphasized in this course. Students will demonstrate their ability to critique, analyze, and interpret their own artwork and the work of others through discussions, formal verbal critiques, as well as, in written critiques.

PAINTING AND DRAWING **AR112**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Foundations of 2-Dimensional Design

Painting and Drawing is open to all students who have completed an introductory course of Foundations of 2-Dimensional Design. This course is strongly recommended for students interested in pursuing any art media. This one semester course builds students drawing and painting skills. This course gives students the opportunity to express themselves while learning techniques, proper use of tools, and how to use elements and principles of design to create interesting and skillful compositions. Students will demonstrate their ability to critique, analyze, and interpret their own artwork and the work of others through discussions, formal verbal critiques, as well as, in written critiques. Students will be expected to keep a sketchbook of designs and notes.

Art

APPLIED DESIGN (offered in odd graduation years) **AR113**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Offered: Odd Years
Prerequisite(s): Foundations of 2-Dimensional Design or Foundations of 3-Dimensional Design

Explores the fields of Art and Design within the contemporary landscape of creating and making. Identifies where these disciplines have mutually reinforcing values and opportunities for interdisciplinary study. Provides a common experience for Art and Design to be Applied to functional and useful fields.

CERAMICS AND SCULPTURE (offered in even graduation years) **AR114**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Offered: Even Years
Prerequisite(s): Foundations of 3-Dimensional Design

This course builds on the knowledge, skills, Elements of Art, and Principles of Design introduced in Foundations of 3-Dimensional Design. Ceramics and Sculpture offers students a visual arts experience in three dimensional design. This is an introductory studio class for students who wish to explore the art of ceramics and sculpture. Emphasis will be placed on the design elements: line,shape, texture, form, balance, and color. The ceramics focus explores hand-building techniques as well as the potter's wheel. Functional as well as sculptural applications to ceramic vessels will be explored. This class introduces staining and glazing techniques in addition to traditional ceramic and sculpture techniques. A variety of historical themes and genres will be explored. Students will investigate the properties of various sculptural 3-D media and cultivate technical skills specific to each media. Possible media includes: clay, paper, plaster, and paper mache'. Students will be expected to keep a sketchbook of designs and notes.

THE ART OF WELDING **ARV210**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

This course is designed for sophomore through senior students who are interested in a career in manufacturing, engineering, or the visual arts. During this course, students will study the art of product design and will develop a plan for creating welded sculptures and/or products.

Art

ADVANCED PAINTING AND DRAWING **AR212**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s):Foundations of 2-Dimensional Design and Painting and Drawing

Advanced Painting and Drawing is open to all students who have completed Painting and Drawing. This course builds upon the skills and concepts of Painting and Drawing. Advanced Painting and Drawing is a studio course designed for students to further explore their personal style in 2-D art. Students will continue to develop techniques and skills in painting and drawing media. Students will plan, design and create a series of paintings and drawings for the purpose of deeply exploring the Elements of Art and Principles of Design. Students may explore acrylic, tempera, and watercolor paint in addition to multimedia, as well as, a variety of drawing media. Given genre and media options, emphasis is placed on developing students' personal style and artistic preferences. Students will be expected to keep a sketchbook of designs and notes. Students will have meaningful experiences creating and preparing for public exhibition.

ADVANCED APPLIED DESIGN (offered in even graduation years) **AR213**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): Foundations of 2-Dimensional Design or Foundations of 3-Dimensional Design and Applied Design

This course builds on the knowledge and skills taught in Applied Design. Advanced Applied Design is a studio course designed for students to further explore their personal style in 2-D and 3-D art. Students will continue to develop techniques and skills in a variety of media taught in Applied Design. Students will plan, design, and create functional art products for the purpose of deeply exploring the Elements of Art and Principles of Design. The study of form and function will be directly applied to design concepts as well as finished pieces. Students will explore construction processes as well as a variety of finishing techniques. Possible media includes: fibers, plaster, wood, paper mache', metal, ceramic, and paint. Given genre and media options, emphasis is placed on developing students' personal style and artistic preferences. Students will be expected to keep a sketchbook of designs and notes. Students will have meaningful experiences creating and preparing work for public exhibition. Applied Design and Advanced Applied Design students will be responsible for designing, creating, and maintaining the High School's and District's Art showcases.

Art

ADVANCED CERAMICS AND SCULPTURE (offered in odd graduation years) **AR214**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Offered: Odd Years
Prerequisite(s): Foundations of 3-Dimensional Design and Ceramics and Sculpture

This course builds on the knowledge and skills taught in Ceramics and Sculpture. Advanced Ceramics and Sculpture is a studio course designed for students to further explore their personal style in 3-D art. Students will continue to develop techniques and skills in a variety of sculptural media. Students will plan, design, and create a series of sculptures and ceramic vessels for the purpose of deeply exploring the Elements of Art and Principles of Design. The study of form and function will be directly applied to design concepts as well as finished pieces. Students may explore hand building, wheel throwing and combination construction processes as well as a variety of finishing techniques. Given genre and media options, emphasis is placed on developing students' personal style and artistic preferences. Students will be expected to keep a sketchbook of designs and notes. Students will have meaningful experiences creating and preparing work for public exhibition.

COMMUNITY ART PROJECT (offered in even graduation years) **AR310**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Offered: Even Years
Prerequisite(s): Foundations of 2-Dimensional Design and Foundations of 3-Dimensional Design, 1 Self Titled course and 1 Advanced course

This fun course brings art to the local community! Community Art Project is open to all Juniors and Seniors who have completed a minimum of four semesters of art courses. Students will choose and design their own community art project(s). This course is designed to engage students in the community. Students may work independently or as a team of collaborative artists. Students will be expected to establish, build and maintain relationships in the community. Each student will design a contract with a timeline that outlines the student's anticipated projects and responsibilities. This contract must be approved by the student, teacher, and the student's parent/guardian.

Art

PORTFOLIO PREPARATION (offered in odd graduation years) **AR320**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Offered: Odd Years
Prerequisite(s): Foundations of 2-Dimensional Design and Foundations of 3-Dimensional Design, 1 Self Titled course and 1 Advanced course

Portfolio Preparation is open to all Juniors and Seniors who have completed a minimum of four semesters of art courses. Students will create and develop a portfolio of works and images for the purpose of college preparation and/or public exhibition. Students will study historical, as well as, current artists and/or cultures as an integral part of the creation process. Media may include: drawing, painting, collage, printmaking, clay, and mixed media. Students will use critical analysis and evaluation while crafting works in a variety of art genres. The portfolios will portray the student's visual sensitivity, intellectual curiosity, creativity, motivation, self-discipline, and previous experience in the visual arts. Experimentation, creative thinking, and self-direction will be emphasized as the student continues to develop technical mastery and style.

Business Education

Business Education

PERSONAL FINANCE **BU109**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None

Students will perform personal finance tasks such as developing a budget, maintaining a checking account, using credit, completing taxes, exploring insurance, exploring consumer rights and responsibilities, exploring living on your own, and planning savings/investments. This class meets the financial literacy requirement for graduation.

INTRODUCTION TO BUSINESS **BUV110**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

The class introduces the student to the world of business. It examines the areas of business such as human resources, operations management, financial management, and marketing. It also gives the students an overview of the types of business ventures available and the advantages and disadvantages of each. This course is helpful for any student regardless of career choice and is highly recommended as prerequisite for any other business courses. **This class is articulated with MPTC-college credit is available. Students will earn three technical college credits for the college course Business Organization.

MICROSOFT WORD/EXCEL/POWERPOINT **BUV111**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

This class will utilize Word, Excel, PowerPoint for use in high school, college and employment. In Word students will be introduced to word processing applications, functions, and features. Also emphasized will be creating, editing, saving and retrieving files; using wizards and templates; creating organized tables; and using grammar, formatting and spelling tools. Students will produce documents with charts generated from tables. In Excel students will be introduced to spreadsheet applications, functions and features using data tables and document review. Also emphasized will be creating, editing, saving and retrieving files, applying formulas and managing large workbooks, charts and amortizations schedules. PowerPoint facilitates the design and creation of presentations in the form of text, clip art, animation, organizational charts, and tables. Students will produce interactive presentations with sound and other enhancements. Students will complete practical tasks using Word, Excel and PowerPoint, as well as complete tasks that integrate all three. This course is helpful for any student regardless of career choice and is highly recommended. Many employers, technical colleges and universities expect experience with these software packages. **This class is articulated with MPTC-college credit is available. Students will earn technical college credits for the three college courses: Microsoft Word (2 cr.), Microsoft Excel (2 cr.), Microsoft PowerPoint (2 cr.)

Business Education

RISKY BUSINESS **BUV114**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

Interested in owning your own business someday? If you think you may want to own your own business, then this is the class for you! This class will provide a basic understanding of business principles and management, which is needed by everyone who plans a career in business. Fundamentals related to economic, legal, and social topics will be covered, along with information on organizing businesses, marketing products and services, financing operations, managing and developing employees, and making difficult business decisions in a dynamic, competitive atmosphere. The operation of the school store will be weaved into the curriculum to give hands on experience.

EMPLOYABILITY SKILLS **BUV120**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None

Do you want to hear the phrase "You're Hired!"? This course provides you with an opportunity to develop skills needed to seek, obtain and maintain employment. Students will learn how to fill out a job application, complete a resume, write a cover letter, and grab the job! This course will also cover workplace expectations and professionalism demanded in the job marketplace and will work to develop job acquisition skills needed for employment. This class will help any student get a leg up on the competition to get and keep a great job.

ACCOUNTING 1 **BUV210-211**
Credits: 0.5 per semester
Recommended Grade Level: 10-12
Length of Course: Two semesters
Prerequisite(s): None

This is a full year class, but is organized into two semesters. Semester one has to be taken before semester two can be taken. Semester 1: Students will learn the fundamentals of accounting. They will become familiar with accounting terminology (the language of business), basic accounting principles, the accounting cycle, and financial activities. Automated accounting principles are integrated into various activities. Semester 2: Students will continue learning the fundamentals of accounting by studying the accounting cycle for a merchandising corporation and accounting for special procedures. This class is highly recommended by students pursuing all types of business careers and/or who desire to own their own business. **This class is articulated with MPTC-college credit is available. Students will earn four technical college credits for the college course Accounting 1.

Business Education

ACCOUNTING 2 **BUV310-311**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Accounting 1 and teacher approval

Students will learn advanced fundamentals of accounting. This course will prepare students for entry-level business occupations upon graduation from high school, prepare students for further study of business after high school, and provide students with a foundation for personal financial management. Students pursuing all types of business careers and/or who desire to own their own business should enroll in this course. **This class is articulated with MPTC-college credit is available. Students will earn four technical college credits for the college course Accounting 2.

MEDICAL EXPLORERS **BUV320**
Credits: 1.0
Recommended Grade Level: 11-12
Length of Course: One semester, two class periods
Prerequisite(s): None, serious interest in medical field

Are you interested in the Healthcare field? Would you like to rotate through multiple departments to give you a better feel for what area you might like best? If so, this is the class for you. Medical Explorer students go to the Ripon Medical Center-Agnesian Healthcare hospital for two class periods (second semester) to explore careers and get hands-on exposure in eleven different departments. A limited number of students can take this class, therefore, an application process MAY be required.

English

English

ENGLISH 9 **EN110-111**
Credits: 0.5 per semester
Recommended Grade Level: 9
Length of Course: Full year
Prerequisite(s): None, required for all Freshmen
NCAA: Approved

English 9 is a two-semester, required course for all freshmen. Essay writing, nonfiction literature, drama, Shakespeare, speech, short story, novel, poetry, research paper, grammar, and usage are taught. Because this is the first high school English course, reading and writing skills are emphasized.

ENGLISH 9 HONORS **EN120-121**
Credits: 0.5 per semester
Recommended Grade Level: 9
Length of Course: Full year
Prerequisite(s): None, required for all Freshmen
NCAA: Approved

Freshmen Honors English serves as both an introduction to the high school English curriculum as well as an opportunity for students to critically explore literature. The rigors of the course are intended to prepare students for success later in high school, in college, and in the working world. Students work on becoming excellent critical thinkers, readers, and writers. The course will demand both high quantity and quality of writers. The course will demand both high quantity and quality of effective writing and speaking for a range of audiences and purposes. Students will also demonstrate their mastery of the conventions of the standard written language through writing and speaking. Through the coursework, students will be expected to meet and exceed state standards for reading, writing, listening, and speaking.

WORLD LITERATURE **EN210-211**
Credits: 0.5 per semester
Recommended Grade Level: 10
Length of Course: Full year
Prerequisite(s): None, required for all Sophomores.
NCAA: Approved

The first semester of World Literature is a somewhat chronological survey of literature from around the world. Activities include standard fare for Language Arts, including literature analysis. The course begins with an examination of myths and folktales, and then proceeds with the African oral tradition. From African literature, students will explore literature of the ancient Middle East, including Mesopotamian literature and Hebrew literature. The semester concludes with a survey of Roman and Greek literature. The second semester of World Literature is a survey of literature from around the world, continuing from the first semester. The course continues from first semester with Indian literature, transitioning to Chinese and Japanese Literature, and then shifts from specific cultures to time periods or literary movements like the Middle Ages, the age of Renaissance, and the age of Enlightenment.

English

WORLD LITERATURE HONORS **EN220-221**
Credits: 0.5 per semester
Recommended Grade Level: 10
Length of Course: Full year
Prerequisite(s): None, required for all Sophomores
NCAA: Approved

Sophomore Honors English serves as both a continuation to the high school English curriculum as well as an opportunity for students to critically explore literature—specifically world literature. The rigors of the course are intended to prepare students for success later in high school, in college, and in the working world. Students work on becoming excellent critical thinkers, readers, and writers. The course will demand both high quantity and quality of effective writing and speaking for a range of audiences and purposes. Students will also demonstrate their mastery of the conventions of the standard written language through writing and speaking. Through the coursework, students will be expected to meet and exceed state standards for reading, writing, listening, and speaking. Content is an expanded and accelerated version of regular World Literature.

CREATIVE WRITING **EN250**
Credits: 0.5
Grade Level: 12
Length of Course: One semester
Prerequisite(s): Juniors may not elect Creative Writing instead of English 11, but in addition. Underclassmen may request instructor approval to join this course.
NCAA: Approved

Students learn and practice many techniques designed to stimulate imaginative, creative thinking. They investigate and write in various narratives, dramatic, and poetic formats. They criticize and edit one another's writing. Not accepted as English credit for 4 year colleges and universities, but it is accepted toward RHS graduation requirements.

AMERICAN LITERATURE **EN310-311**
Credits: 0.5 per semester
Recommended Grade Level: 11
Length of Course: Full year
Prerequisite(s): None, required for all Juniors
NCAA: Approved

American Literature is a two-semester required course for all juniors. It is a study of the literary heritage of America. Most of the selections are contained in the text; however, a number of novels are also read during the year such as The Great Gatsby and Of Mice and Men. Students are expected to write with each unit applying the skills developed in prior English classes to a variety of writing styles. Vocabulary development and grammatical usage review are also included in the units.

English

AMERICAN LITERATURE HONORS **EN320-321**
Credits: 0.5 per semester
Recommended Grade Level: 11
Length of Course: Full year
Prerequisite(s): None, required for all Juniors
NCAA: Approved

Honors English is a year-long course in the study of American Literature. This course will take a chronological approach to American Literature rather than the thematic approach of non-Honors American Literature in order to mirror the structure of the AP U.S. History class. Students are encouraged to take both courses. The course focuses on critical analysis of poetry, short stories, and novels. Students in this honors course are expected to read more and write more than English 11 (there will rarely be a time when students do not have an assigned novel). The expectation is that students will become independent analyzers of all forms of literature and make connections both in and outside of classroom material. The course will demand high quality writing through readings. ACT and SAT level vocabulary will also be studied.

AMERICAN LITERATURE SEMINAR **EN330-331**
Credits: 0.5 per semester
Recommended Grade Level: 11
Length of Course: Full year
Prerequisite(s): None, required for all Juniors. Must be taken concurrently with SS330-331 US History
NCAA: Approved

A year long interdisciplinary seminar. It is a study of the themes that permeate throughout American history. Those themes are followed from our nation's beginnings through modern day. Eras covered include Westward Expansion, The Gilded Age, The Roaring 20's, The Great Depression, The Cold War and others. It will use literature to examine these themes and eras. Students will be asked to consider themes throughout
these eras as well as make connections to the issues that face Americans today. The goal of this seminar is to make connections between the literature that we read and the era of American history that surrounds it.

MYTHOLOGY **EN423**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 9 and English 10. Students are warned that the reading selections and the written work in this course are difficult, and they will probably not have success in the course if they received lower than a B in previous English courses.
NCAA: Approved

Mythology and the Classics include a working understanding of Greek/Roman Mythology. There is a cross cultural exploration of mythology based on themes. In a comparative study, myths of other countries are also considered. Among the works studied are the Iliad and the Odyssey. Several interpretive papers are written. Introductory research investigating a god or goddess and research into specific culture of mythology outside of Greek is required. Creative writing opportunities are also provided.

English

FILM STUDIES **EN427**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 11 or permission of instructor.
NCAA: Approved

Film Study is essentially a literature analysis class in which the literature being analyzed is film. In addition to traditional areas of literary analysis (i.e. symbolism, allusion, allegory, character development, theme, etc.), techniques of film over time such as film noir, documentary, etc. Over the course of the semester, students will be required to write analysis papers for films focusing on techniques specific to the film/genre viewed as well as traditional literary analysis. In short, this is a literature and writing class focusing on how to appreciate film as literature rather than on how to make a film. Film Studies is a class with a writing emphasis. Students should have strong writing skills.

GOTHIC LITERATURE **EN428**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 11 or permission of instructor.
NCAA: Approved

Gothic Literature is a course that examines the tradition of horror/terror literature in its early days. The course covers prominent horror masters from the British Isles, including Shelley, author of *Frankenstein*, and Stoker, author of *Dracula*. American authors, such as Poe and Lovecraft, are also included in the course. The intention of the course is to familiarize students with the genre of horror and recognize significant works and authors, as well as to identify the traits of the horror genre that help to classify it as such.

POETRY(offered in even graduation years) **EN429**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 9 and English 10 or permission of instructor.
NCAA: Approved

Poetry is a semester course that will focus on both reading and writing poetry. During the semester we will read and analyze great poets from around the world and determine what makes their poetry great. We will also write our own poem using various writing prompts. There will be opportunities to work on your own poems independently as well as with other students. In general, the class will spend half of the time looking at good poems and half the time working on and writing our own poems.

English

BRITISH LITERATURE (offered in odd graduation years) **EN430**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 9 and English 10 or permission of instructor.
NCAA: Approved

British Literature is a semester-long survey course that explores the chronology of British Literature. The focus of this course will be an understanding of how literature is expressed through various formats including the written essay.

SENIOR WRITING **EN440**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 9,10, and 11.

Senior Writing is a course that will focus on varied styles and modes of writing. Students will compose a variety of papers including descriptive, narrative, persuasive, and research. Additionally, the class will include elements of appropriate internet usage and certain work readiness skills (resumes and cover letters). While this class will mainly focus on writing, free reading (student chosen novels) will also be incorporated in the class. Students will elect to take this course or College Writing, not both.

SENIOR READING **EN442**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 9, 10, and 11.

The overall emphasis of this class will be on lifelong reading and the skills necessary for appreciating a variety of genres. Students will read a variety of literary selections and review literary analysis skills. This will include the reading and analysis of both fiction and non-fiction literature. The reading selections for this class will be of a high interest level as indicated by RHS student feedback. Non-fiction selections will include current events and issues through traditional and online publications.

English

LITERATURE-INDEPENDENT STUDY **EN455**
Credits: 0.5
Grade Level: 12
Length of Course: One semester
Prerequisite(s): None
NCAA: Approved

Courses in Literature—Independent Study, often conducted with instructors as mentors, enable students to explore topics of interest related to literature. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

COLLEGE WRITING-CAPP (WEIGHTED) **EN510**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): Successful completion of English 9, 10, and American Lit or permission of instructor.
NCAA: Approved

College Writing is a one-semester course designed to prepare students for the critical reading and writing that is required at the college level. The focus will be on non-fiction, expository writing, and analysis. Students will be required to produce quality final drafts of essays and participate in discussions on writing pertaining to voice, styles, and effectiveness. While this is not an official AP course, the material covered in this class will help prepare students to take the AP Language and Writing test in May. This course is offered with an option for college credit with UW-Oshkosh. This is an attendance requirement for students taking this course for college credits. Students may elect to take this course or Senior Writing, not both.

CONTEMPORARY FICTION **EN270**
Credits: 0.5
Recommended Grade Level: 9-10
Length of Course: One semester
Prerequisite(s): None

Students will read novels, short stories, and poetry from the past 50 years. This course will have various themes each semester it is offered. An example may be fantasy, science fiction, mystery, or dystopian.

SPEECH **EN275**
Credits: 0.5
Grade Level: 9-10
Length of Course: One semester
Prerequisite(s): None

Introduction to speech writing and delivery

Family and Consumer Science

Family and Consumer Science

FOODS 1 **FCV110**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None. Beneficial for all students. Recommended for those considering a career in food service, food technology, nutrition, or family and consumer related areas.

Foods 1 is designed to teach important information about food, nutrition, and cooking skills that students can use on an everyday basis. The course focuses on family food and nutritional needs as well as wise consumer practices. Students will participate in multiple hands on learning experiences and food labs to better understand how food influences the world around us. Students will learn basic measurement techniques, food preparation techniques, and study money management for food purchases. There is a focus on fruits, vegetables, dairy products, quick breads, yeast breads, and baked goods. A study of diets, healthy eating, and related eating disorders is included. $4.00 foods fee.

FOODS 2 **FCV111**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): Successful completion of Foods 1 or permission of the instructor. Beneficial for all students. Recommended for those considering a career in food service, food technology, nutrition, or home economics related areas.

Foods 2 is designed to enhance students' knowledge and skills in food selection and preparation. Students will participate in various labs throughout the semester. There is a focus on meats, fish, seafood, poultry, soups, salads, beverages, appetizers, pies, cakes, and using herbs and spices to flavor foods. Students will also participate in a unit on foreign foods and have the opportunity to prepare and sample foods from around the world. $4.00 foods fee.

FOODS 3 **FCV212**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Successful completion of Foods 1 and 2 or permission of the instructor. Beneficial for all students. Recommended for those considering a career in food service, food technology, nutrition, or home economics related areas.

Foods 3 is an advanced level foods course that will focus on complex cooking techniques to help students to further develop their culinary skills. Students will participate in hands-on activities and food labs while studying various topics including cake decorating, candy making, garnishing and presentation, food preservation and dehydration, food science principles, and grilling. Students will also explore careers in food service through participation in an actual catering experience. $4.00 foods fee.

Family and Consumer Science

CHILD DEVELOPMENT **FCV211**
Credits: 0.5
Recommended Grade Level: 10-12 or instructor approval
Length of Course: One semester
Prerequisite(s): Beneficial to all students. Recommended for any student planning to enter a child care career, teaching, or the medical profession.

This course focuses on the development of children from conception to age five. The course prepares all people who care for or come in contact with children, whether at home, as workers in a child care occupation, or casual contact in society, to have knowledge of children's growth and development to provide for them effectively. The principles of growth and development are interwoven with practical suggestions for caring for and working with children. The course culminates with a four-week play school for children ages 3-5.

STRENGTHENING SELF & FAMILY **FCV309**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): None. Beneficial to all students.

This new course is a combination of two previously offered courses: Married and Single Life and Education for Parenthood. This course will examine options in adult relationships including single living and marriage. We will learn techniques to create healthy relationships within a family. It will also focus on the responsibilities, satisfactions, and stresses of parenthood. Many types of relationship and parenting situations are examined. Special attention is given to the importance of readiness for relationships and parenthood. This course will include simulations such as a marriage experience, wearing the empathy bellies, and RealCare babies. This course will be helpful to all young adults as they prepare to go out on their own.

FOUNDATIONS OF EARLY CHILDHOOD **FCV311**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Successful completion of Child Development. May be taken concurrently with Child Development but is not recommended. Recommended for any student interested in child care, teaching, or the medical profession.

The need for qualified childcare workers continues to increase. This course focuses on the knowledge and skills needed by an assistant child care teacher in a day care but would also be excellent preparation for a nanny or family childcare setting. With supervision, students will run a four-week play school for children ages 3-5. This course will meet the requirement for the first forty-hour course in childcare programs and offers dual credit at MPTC.

Mathematics

Mathematics

ALGEBRA 1 **MT120-121**
Credits: 0.5 per semester
Recommended Grade Level: 9
Length of Course: Full year
Prerequisite(s): Algebra is an entrance requirement for almost all colleges and vocational schools.
NCAA: Approved

Emphasis in this course is placed upon the structure and properties of the real number system, solving and graphing linear and quadratic equations and inequalities, multiplying and factoring polynomials, developing the function concept, and applying Algebra to practical problems.

GEOMETRY **MT220-221**
Credits: 0.5 per semester
Recommended Grade Level: 10
Length of Course: Full year
Prerequisite(s): Algebra 1. This course is strongly recommended for all college bound students. (Most colleges require at least geometry for entrance.)
NCAA: Approved

Geometry is the study of logical reasoning and shapes. The course will cover all the geometric shapes in a plane as well as those contained in space. Students will progress through the course starting with undefined terms and progressing to the fundamental theorems of Geometry. Many different proofs will be demonstrated to students. Students will help develop the formulas for areas and volumes of the common geometric figures.

ALGEBRA 2 **MT320-321**
Credits: 0.5 per semester
Recommended Grade Level: 10-11
Length of Course: Full year
Prerequisite(s): Successful completion of Algebra 1 and Geometry or the 3 year Algebra/Geometry Concepts sequence.
NCAA: Approved

This course's goal is to provide students with a clear understanding of fundamental algebraic properties and techniques to provide a solid foundation for subsequent courses in mathematics and other disciplines. Algebraic concepts introduced in first year algebra are reviewed and expanded on. The structure of algebra and computational skills are developed through the study of families of functions, including polynomial and trigonometric functions. Students are required to solve equations and inequalities over the real and complex number systems with special emphasis placed on the ability to relate algebraic concepts geometrically through the use of transformations. Areas of study include linear and quadratic equations, matrices, conic sections, radicals, exponents, and trigonometry. This course meets many colleges advanced math admission requirement.

Mathematics

TRIGONOMETRY/PRE-CALCULUS **MT420-421**
Credits: 0.5 per semester
Recommended Grade Level: 12
Length of Course: Full year
Prerequisite(s): Successful completion of Algebra 2
NCAA: Approved

This course is recommended to all students who plan to attend college in any field related to mathematics or science. The course will review the algebra of functions, trigonometry, exponential and logarithmic functions, and their applications. Also covered will be vectors, sequences and series, polar coordinates and complex numbers and limits.

AP CALCULUS (WEIGHTED) **MT530-531**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Successful completion of Trigonometry/Pre-Calculus with a B or better grade.
NCAA: Approved

This course is the first of a three-semester sequence of Calculus. In this course students will deal specifically with the key ideas of calculus- function, limit, derivative, and integral- which will be learned from four different perspectives; numerical, graphical, analytical, and interpretive. Students are required to purchase a graphing calculator (TI-84 or TI-83. A TI-89 is NOT allowed) to assist them in their problem solving and modeling. Students enrolling in the course need to possess a strong mathematical background and be both active and independent learners.

AP STATISTICS (WEIGHTED) **MT532-533**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Successful completion of Algebra 2
NCAA: Approved

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data.

Students are exposed to four broad conceptual themes:
1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. Students are required to purchase a graphing calculator to assist them in their problem solving and modeling. Students enrolling in the course need to possess a strong mathematical background and be both active and independent learners.

Music

Music

CONCERT BAND **MSF120-121**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Middle School band participation. Beginners admitted through audition.

Concert Band rehearses on a daily basis. Each student is required to attend weekly individual or small group lessons. Students develop their musical skills (i.e. sight-reading, improvisation, composition, music theory, music history, and music styles) through their preparation of music in varying styles and genres. During the course, the musicians engage in activities which allow them to learn teamwork, creativity, communication, time-management, multi-cultural awareness, and cooperation. Members of the band are required to perform in three concerts; Graduation, the Memorial Day program, District Solo/Ensemble Festival, and Large Group during the school year. The band members also perform at sporting events, parades, community functions (such as "Dickens of a Christmas,"), and out-of-town events. Students are encouraged to participate in the ECC Honors Band, the Wisconsin State Honors Band, Orchestra, Jazz Ensemble Projects, the St. Norbert Honors Wind Ensemble, the Oshkosh Youth Symphony, Ripon College Orchestra, and Ripon College Wind Ensemble. Performance tours with the Nova Contra are scheduled every other year to different venues.

JAZZ ENSEMBLE **MSF122-123**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Enrolled in Concert Band

Jazz Ensemble rehearses on a daily basis. Students develop their musical skills (i.e. sight-reading, improvising, composition, music theory, music history, and music styles) through their preparation of music in varying styles and genres of jazz music. During the course, the musicians engage in activities which allow them to learn teamwork, creativity, communication, time-management, multi-cultural awareness, and cooperation. All members are required to perform at community functions (such as "Dickens of a Christmas") and out-of-town events. Students are encouraged to participate in Wisconsin Honors Groups. Members of the Jazz Ensemble perform in concerts, and State District Solo/Ensemble Festival. There are two jazz ensembles. Students **MUST** be enrolled in Concert Band.

JAZZ ENSEMBLE AO **MSF124-125**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Admittance by audition-only

Audition-only Jazz Ensemble is uniquely tailored to give students with previous jazz experience a course which increases the level of difficulty as well as an in-depth study of the different genres of jazz.Jazz Ensemble rehearses on a daily basis. Students develop their musical skills (i.e. sight-reading, improvising, composition, music theory, music history, and music styles) through their preparations of music in varying styles and genres of jazz music. During the course, the musicians engage in activities which allow them to learn teamwork, creativity, communication, time-management, multi-cultural awareness, and cooperation. All members are required to perform at community functions (such as "Dickens of a Christmas") and out-of-town events. Students are encouraged to participate in Wisconsin Honors Groups. Members of the Jazz Ensemble perform in concerts, and State District Solo & Ensemble Festival. Students **MUST** be enrolled in Concert Band.

Music

VOX TIGRIS (MIXED) **MSF206-207**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): None

Vox Tigris focuses on the development of vocal technique, music reading skills, and performance skills. Students are required to participate in all combined choir events in addition to learning a vocal solo (optionally may perform at WSMA Solo and Ensemble).

VOX NOVA (TREBLE) **MSF208-209**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): None

Treble Choir is for beginning Sopranos and Altos and focuses on the development of vocal technique, music reading skills, and performance skills. Students are required to participate in all combined choir events in addition to learning a vocal solo (optionally may perform at WSMA Solo and Ensemble).

VARSITY TREBLE CHOIR **MSF210-211**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year

Prerequisite(s): Admittance by application only

Varsity Treble Choir is uniquely tailored to give treble vocalists with previous choral experience a course which increases the level of difficulty as well as an in-depth study of the different genres of vocal music. Participation in WSMA Solo and Ensemble festival is required. Participation in all concerts is required. Students are admitted by application based on professional and musical skills, ability to read music and understand basic music theory concepts, in addition to exercising proper vocal techniques. Students will be required to perform at all combined concerts, as well as 5-10 additional Varsity Treble Choir performances.

VARSITY MIXED CHOIR AO **MSF212-213**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Admittance by application only

Varsity Mixed Choir is uniquely tailored to give male and female vocalists with previous choral experience a course which increases the level of difficulty as well as an in-depth study of the different genres of vocal music. Participation in WSMA Solo and Ensemble festival is required. Participation in all concerts is required. Students are admitted by application based on professional and musical skills, ability to read music and understand basic music theory concepts, in addition to exercising proper vocal techniques. Students will be required to perform at all combined concerts, as well as 5-10 additional Varsity Mixed Choir performances.

Music

AP MUSIC THEORY (WEIGHTED) **MSF520-521**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Junior or senior status.

Must be able to read music notation and have a working knowledge of basic music theory concepts. AP Music Theory is a college-level course in which students will: Develop an understanding of musical score, develop the ability to communicate musical ideas on paper, notate symbols, align concepts, transpose, and write musical phrases. Understand the vocabulary and grammar of music. Increase their musical writing and listening skills. Develop a critical mind to make decisions about musical taste and music subtleties implied from the score. Compose, arrange and analyze 4-voice part-writing based on Bach and progressing onward through the Classical, Romantic and 20th century periods. Develop their musical ear and sight-singing ability through extensive drills. Students are required to purchase their music theory textbook/workbook for this course.

ADAPTIVE MUSIC
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): By invitation only

Adaptive Music is uniquely tailored to the needs of the students who have difficulty learning in the traditional classroom due to varying needs or disabilities.

BEGINNING PIANO **MSF250**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Semester
Prerequisite(s): None

Beginning Piano is a course offered to students who are interested in learning to play the piano, learn how to read music, and collaborate with other musicians. This course is a great option for students who want to learn how to play music, but feel that band and choir aren't the right fit for them. It is also a great option for students who are in choir or band but want to become a more well-rounded musician.

INTERMEDIATE PIANO **MSF251**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Semester
Prerequisite(s): Beginning Piano

A course offered to students who are interested in continuing to learn to play the piano, learn how to read music, and collaborate with other musicians.

Music

ZERO HOUR SHOW CHOIR **MSF200-201**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: 2 semesters
Prerequisite(s): None

A course offered to students interested in participating in show choir for community performances.

Physical Education

Physical Education

PE 9/10 ACTIVITIES **(PENDING)** **PE110-111**
Credits: 0.5
Recommended Grade Level: 9-10
Length of Course: One semester
Prerequisite(s): None

This course will be for 9th and 10th grade students. The class will participate in different sports activities. It will be individual activities such as (badminton, tennis, pickleball and golf) and team activities such as (basketball, volleyball, soccer, flag football and tchoukball). Students will participate in these activities throughout the semester. The focus will be on learning the skills and the rules of the different activities.

HEALTH **PE120**
Credits: 0.5
Recommended Grade Level: 9
Length of Course: One semester
Prerequisite(s): None

This Comprehensive Health Course is designed to provide continued methods of developing knowledge, concepts, skills, behaviors and attitudes related to a student's health and well-being and to assist students in understanding that personal health is a lifelong commitment. Students are provided with opportunities to explore the effects of health behaviors on an individual's quality of life and help them make critical, lifelong decisions. This course includes the following content areas: Nutrition, Personal Health, Mental and Emotional Health, Consumer Health, Substance Use and Abuse, Family Life (Human Growth and Development), Prevention and Control of Disease, Injury Prevention (First Aid/CPR Training) and Safety and Environmental Health.

PE 11/12 ACTIVITIES **(PENDING)** **PE310-311**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None

This course will be for 9th and 10th grade students. The class will participate in different sports activities. It will be individual activities such as (badminton, tennis, pickleball and golf) and team activities such as (basketball, volleyball, soccer, flag football and tchoukball). Students will participate in these activities throughout the semester. The focus will be on learning the skills and the rules of the different activities.

Physical Education

STRENGTH AND CONDITIONING 9/10 **(PENDING)** **PE210-211**
Credits: 0.5
Recommended Grade Level: 9-10
Length of Course: One semester
Prerequisite(s): None

This course will be for 9th and 10th grade students. The class will participate in the weight room four days a week. One day of agility/activities in the gym or outside. Students will follow a workout plan each day to increase their stability, flexibility, plyometrics, strength and conditioning. The focus will be on proper technique and form of different exercises, safety and spotting in the weight room and recording data on their workouts.

STRENGTH AND CONDITIONING 11/12 **(PENDING)** **PE330-331**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): PE 9/10

This course will be for 9th and 10th grade students. The class will participate in the weight room four days a week. One day of agility/activities in the gym or outsideStudents will follow a workout plan each day to increase their stability, flexibility, plyometrics, strength and conditioning. The focus will be on proper technique and form of different exercises, safety and spotting in the weight room and recording data on their workouts.

OUTDOOR/LIFETIME ADVENTURES **(PENDING)**
PE345
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): PE 9/10

This course is designed for the outdoor enthusiast and will expose students to a variety of outdoor recreational activities. The majority of units will be held outside (winter/spring). A fishing license and a small fee for fish bait and materials will be required. Course activities include: fishing, archery, cross-country skiing, inline skating, biking, open water fishing and disc golf. This course is limited to 20 students.

Science

Science

PHYSICAL SCIENCE **SC125-126**
Credits: 0.5 per semester
Recommended Grade Level: 9
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

This two semester course is required in order to continue in the other sciences. It is one of the three years of science required to graduate. It is the prerequisite for classes such as chemistry, physics, anatomy and physiology. This is the study of atoms, molecules, forces, energy, and Earth systems. This is a broad overview that will be based on real life phenomenon and cover the foundations in physics, chemistry and Earth science.

BIOLOGY A AND B **SC308-309**
Credits: 0.5 per semester
Recommended Grade Level: 10
Length of Course: Full year
Prerequisite(s): Physical Science
NCAA: Approved

This two semester course is required in order to continue in the other sciences. It is one of the three years of science required to graduate. It is the prerequisite for classes such as Genetics, Principles of Engineering, Anatomy & Physiology. This class covers the aspects of cells, cell processing, genetics, evolution of cells, development and evolution of organisms such as protists, algae, fungi, plants, and animals. There will also be discussion on the ecosystem and human impacts on it and its organisms. First semester deals with the cellular area while second semester deals with the organisms and ecology.

PLTW PRINCIPLES OF ENGINEERING (POE) **SC310-311**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Successful completion of Biology
NCAA: Approved

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Science

ANATOMY AND PHYSIOLOGY A **SC312**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): Chemistry or concurrent enrollment
NCAA: Approved

This class includes labs, discussions, and activities that provide students with an opportunity to observe various anatomical parts and to investigate certain physiological phenomena. Such experiences should help students relate specimens, models, and slides to their own bodies. This section of anatomy will cover the following systems of the human body: Skeletal, Muscular, Integumentary, Nervous, and Lymphatic along with the aging process. This may count as part of the third science credit. Any student interested in medical or sports fields should highly consider this course.

ANATOMY AND PHYSIOLOGY B **SC313**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): Chemistry or concurrent enrollment
NCAA: Approved

This class includes labs, discussions, and activities that provide students with an opportunity to observe various anatomical parts and to investigate certain physiological phenomena. Such experiences should help students relate specimens, models, and slides to their own bodies. This section of anatomy will cover the following systems of the human body: Reproductive, Endocrine, Digestive, Cardiovascular, Respiratory, and Urinary along with embryology (fetal development). This may count as part of the third science credit. Any student interested in the medical or nutrition field should highly consider taking this course.

GENETICS AND HUMAN INHERITANCE (offered in even graduation years) **SC316**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester (offered second semester)
Prerequisite(s): Successful completion with a C or better in Bio 1 and 2 and Physical Science
NCAA: Approved

Students taking genetics will learn about the processes of gene inheritance and molecular biology, the role of proteins, genetic disorders, dominance patterns, and biotechnology and modern genetic research. This class is based on reading assignments, video materials, lecture, and laboratory (either with flies or simulations). Students need to meet the prerequisites since some areas are difficult. This may count as part of the third science credit. Exceptional students may be encouraged to continue with independent studies in genetics.

Science

CHEMISTRY **SC320-321**
Credits: 0.5 per semester
Recommended Grade Level: 11-12 (10 with approval)
Length of Course: Full year
Prerequisite(s): Physical Science
NCAA: Approved

Chemistry deals with the structure of the atom, principles of chemical reaction, chemical bonding, and application of chemical principles to explain chemical phenomena. Many of these concepts will be related to energy and mathematical calculations will be to model energy changes during the process. Lab skills will be an emphasis and the course is designed to prepare you for your next step within science. Topics include: atomic energy, structures of the atom, periodic law and table, chemical reactions, acids and bases, oxidation and reduction, phase changes, gas laws, and more.

PHYSICS **SC322-323**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Successful completion with a B or better in Geometry and enrolled or taken Biology.
NCAA: Approved

Physics is the study of the interactions between matter and energy. This course approaches physics through both conceptual and mathematical avenues. Topics that will be covered include kinematics, forces, projectile motion, circular motion, momentum, energy, and engineering practices. If time permits at the end of the year the course may cover circular motion or simple harmonic motion.

CAPP ASTRONOMY 103 -THE SOLAR SYSTEM (offered in even graduation years) **SC344**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): Successful completion of Geometry
NCAA: Approved

This course is an introductory course to topics in astronomy and astrophysics. We will be covering topics that helped humans discover our place in the universe such as what are planets, stars, and galaxies. Other topics will be what are the requirements for life on other planets based on our current understanding of the universe, retrograde motion, and how the history of astronomy has influenced our modern lives. There may be evening classes throughout the year so we can observe the moon and stars.

Science

CAPP ASTRONOMY 104-STARS & GALAXIES (WEIGHTED) (offered in even graduation years) **SC345**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester (offered second semester)
Prerequisite(s): Chemistry
NCAA: Approved

In this course we will cover topics not covered in the AP Physics course. We will be discussing topics that made Albert Einstein famous, such as E=mc squared, the theory of special/general relativity, the photoelectric effect, Kepler's laws of planetary motion, astronomical spectrometer of stars, the Doppler effect, and the principles of nuclear reactions (in stars and in man-made reactors). If time permits, we will do an engineering-like project.

IND RESEARCH SCIENCE **SC492**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): None

In some cases there are students that desire to go beyond the classroom and explore science from a different approach. Independent Research Science allows qualified students to accomplish this task. This class is offered dependent upon the availability of the instructor. The class is designed by both the student and the instructor and is usually based on a project of interest on the students end. Some of the past classes have studied fish populations in a northern Wisconsin lake, botany, genetics, compact learning, and ecosystem analysis in streams or lakes. The student has flexibility in this class an may use his/her time as they wish, however, there are benchmarks along that way that need to be met before the student can go on to the next portion of the project. For example, the student may not begin doing lab analysis if they have not completed the abstract and literature search.

AP CHEMISTRY (WEIGHTED) **SC520-521**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Completion of or currently enrolled in Algebra 2.
NCAA: Approved

This chemistry course will complete topics of acid-base chemistry, electrochemistry, and organic chemistry not covered in the first-year course. Materials from first year chemistry will then be repeated and covered in more detail using a first-year college level chemistry text. Students will have lab experience to compliment class work. The intent of the class is to prepare for the AP Chemistry test. The course work is rigorous and will require time beyond class to adequately prepare for the AP Chemistry test.

Science

AP PHYSICS A & B (WEIGHTED) (offered in odd graduation years) **SC522-523**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Completion of or currently enrolled in Trig/Pre-Calc.
NCAA: Approved

AP Physics is a course that is designed to help students understand the interactions between energy and matter. This course is very fast paced, and is intended to be taught at a college level. Students will learn laboratory techniques, how to analyze graphical data, and apply to specific situations in the physical world.The topics covered in this course will be very similar to the topics covered in regular physics, but will also learn about torque, momentum, sound, simple harmonic motion,electric fields, the basic electric circuit, and Thermodynamics. Students are encouraged to take regular physics prior to AP physics because this is a faster paced course. AP Physics sets students up to be successful on the AP Physics 1 test, as well as the AP Physics C: Mechanics tests if they have had Calculus.

CAPP PHYSICS 171 A & B (WEIGHTED) (offered in odd graduation years) **SC524-525**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): Completion of or currently enrolled in Trig/Pre-Calc. CAPP dual credit enrollment requires meeting UW Oshkosh's CAPP enrollment requirements.

Physics 171-CAPP is a course that is designed to help students understand the interactions between energy and matter. This course is very fast paced, and is intended to be taught at a college level. Students will learn laboratory techniques, how to analyze graphical data, and apply to specific situations in the physical world.The topics covered in this course will be very similar to the topics covered in regular physics, but will also learn about torque, momentum, sound, simple harmonic motion,electric fields, the basic electric circuit, and Thermodynamics. Students are encouraged to take regular physics prior to CAPP Physics 171, as the questions in CAPP Physics 171 will be more difficult in nature than regular physics. CAPP Physics is recommended for students who want to attend college in the UW system.

EARTH SCIENCE **SC360-361**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): None

Earth Science is a two-semester elective science course. The course investigates numerous topics including ecology & interdependence, energy production, geology & forces, applications of chemistry, and motion, gears & mechanisms. This course includes hands-on laboratory experiences and special assignments to demonstrate the principles, techniques, and technologies of numerous real-world processes on planet Earth.

Science

CAPP BIOLOGY 105 Biological Concepts (WEIGHTED) (offered in even graduation years) **SC530**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester (first semester)
Prerequisite(s): Bio 1 and 2 and Chemistry. CAPP dual credit enrollment requires meeting UW Oshkosh's CAPP enrollment requirements.
NCAA: Approved

This is the college biology course through UW-Oshkosh taught at Ripon High School. This is the same class as that taken by non-majors at UW-O. Students register for the class just as they would of any college course. There are prerequisites set forth by the college and they include GPA, class rank, ACT score, or consent of instructor. Please read application materials carefully when provided by the instructor. Again, this is a college class, not high school so please prepare to do college work at a college pace. During the course of class approximately 16 chapters will be covered. Students earn 4 credits through UW-O upon successful completion of the first semester. Students also earn 0.5 credit at the high school. There is a textbook for the class. There is also a lab fee.

RESEARCH SCIENCE **SC531**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): Biology and Chemistry

Students should have a B or better in previous science courses and strong interest in research. May be taken with instructor consent. This is an open-ended class that deals with pure research and presentation of findings. The class is designed by both the students and the instructor and is usually based on a project of interest on the student's end. Students will be expected to read, write, and present scientific research.

CAPP BIOLOGY 104 ECOSPHERE IN CRISIS (WEIGHTED) (offered in odd graduation years) **SC532-533**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year

Prerequisite(s): Successful completion of Biology. CAPP enrollment has other prerequisites through UW-Oshkosh.
NCAA: Approved

Bio 104 Ecosphere in Crisis explores Earth's natural systems, as well as how human activity affects the environment. Students will apply the scientific method to investigate ecological principles, natural flows of matter, water and energy in terrestrial, aquatic, and atmospheric systems, and how humans impact these natural flows and systems. This course will provide students with hands-on laboratory experiences and special assignments to demonstrate the principles, processes, techniques, and technologies of natural environmental systems and solutions

***See Agriscience for more course options that will count toward science credit.**

Social Studies

Social Studies

GLOBAL STUDIES **SS110**
Credits: 0.5
Recommended Grade Level: 9
Length of Course: One semester
Prerequisite(s): None, required.
NCAA: Approved

This course provides an understanding of what is happening in the Asian and African world. The course is designed to help students understand how the political, physical and cultural geography of Asia and Africa have affected the history of their people. The course further covers the current economic, environmental, and political aspects of the countries that make up Asia and Africa.

WORLD HISTORY **SS210-211**
Credits: 0.5 per semester
Recommended Grade Level: 10
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

This course is the story of key events and global developments from the year 500 to life in the 20th century. Emphasis will be placed upon people and the roles they have played and how people have acted and interacted. The course surveys civilization from its earliest beginnings to our modern world. Special emphasis will be placed on areas of the world that are of critical interest and that greatly influence the U.S.A. today.

U.S. HISTORY **SS310-311**
Credits: 0.5 per semester
Recommended Grade Level: 11
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

This course is a survey of American History emphasizing the development and changing nature of society. The course will use a thematic approach which aligns with the American Literature curriculum and covers United States history from reconstruction after the Civil War to the present time.

Social Studies

JUNIOR SEMINAR - US History/American Lit **SS330-331**
Credits: 0.5 per semester
Recommended Grade Level: 11
Length of Course: Full year
Prerequisite(s): None, required for all Juniors
NCAA: Approved

A year long interdisciplinary seminar. It is a study of the themes that permeate throughout American history. Those themes are followed from our nation's beginnings through modern day. Eras covered include Westward Expansion, The Gilded Age, The Roaring 20's, The Great Depression, The Cold War and others. It will use literature to examine these themes and eras. Students will be asked to consider themes throughout these eras as well as make connections to the issues that face Americans today. The goal of this seminar is to make connections between the literature that we read and the era of American history that surrounds it.

MULTICULTURAL AMERICA **SS320**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None
Offered: One semester
Credit: .5 semester
NCAA: Approved

Multicultural America examines contributions made by different ethnic groups in American history. The main focus will center on Native Americans, African Americans, Hispanic Americans and Asian Americans past and present. This course will provide an opportunity for students to discuss racial and ethnic issues/concerns in a non-threatening atmosphere.

WOMEN'S STUDIES **SS323**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None
NCAA: Approved

This class will examine the role and impact of women in US History while critically analyzing contributions and behaviors socially, in politics, education, religion, economics, health and sports. The course will give special attention to the advancement of gender roles, specifically, the modern impact of several women's movements on the lives of all.

Social Studies

HISTORY READING WORKSHOP **SS324**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None

This new ½ credit Social Studies course is designed for students who are interested in increasing their reading level and ability through self-paced reading of nonfiction historic literature. Students will be allowed to choose the books they want to read while also being pushed by the teacher to take reading to the next level. The overall emphasis of this class will be on lifelong reading and the historical thinking skills necessary for appreciating historic points of view. These historical thinking skills consist of 1. Chronological reasoning 2. Comparison and contextualization 3. Crafting historical arguments from historical evidence 4. Historical interpretation and synthesis.

AMERICAN POLITICS/POLICIES **SS410**
Credits: 0.5
Recommended Grade Level: 12
Length of Course: One semester
Prerequisite(s): None
NCAA: Approved

The course will concentrate on the following areas of study: Underpinnings of American government and the U.S. Constitution, the American political institutions of government, the bureaucracy, parties and interest groups, political beliefs and behaviors, civil rights and civil liberties.

ECONOMICS **SS413**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None
NCAA: Approved

This class meets the financial literacy requirement for graduation. Economics is an elective course that introduces students to the study of scarcity in society. Microeconomics and macroeconomics concepts that affect our daily lives will be of focus. Students will examine what goods and services will be produced, how they will be produced and who they will be produced for. Additionally, we will study concepts such as market structures, supply, demand, prices, labor, personal finance, investing, globalization, and how the government interacts with the economy.

Social Studies

AP WORLD HISTORY MODERN (WEIGHTED) **SS520-521**
Credits: 0.5 per semester
Recommended Grade Level: 10
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians. Students explore throughout the course in order to make connections among historical developments in different times and places: humans and environment, cultural developments and interactions, governance, economics systems, social interactions and organization, and technology and innovation.

AP U.S. HISTORY (WEIGHTED) **SS522-523**
Credits: 0.5 per semester
Recommended Grade Level: 11
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

This course is a survey of American history oriented toward preparing students to master the process skills necessary to be successful in completing college-level studies. Students will be expected to read and analyze primary source materials from both a college-level text and from other sources handed out at appropriate times. In this course, students will be responsible for much of the factual knowledge through their own reading and review. The course will prepare students for the AP Examination in U.S. History in May.

AP PSYCHOLOGY (WEIGHTED) **SS526-527**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

The purpose AP Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods of psychologists use in their science and practice. An introductory college course in psychology is generally one semester, with some variation among colleges. An AP course in psychology need not follow any specific college curriculum. The aim is to provide a learning experience equivalent to that obtained in most college introductory psychology courses.

Social Studies

AP ECONOMICS (WEIGHTED) **SS528-529**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: Full year, every other year
Prerequisite(s): None
NCAA: Approved

AP Economics is a rigorous examination of the fundamental principles which govern economic activities at both the level of the individual and firm, and that of the aggregate economy. In addition to preparing a student for the AP exam in micro and macroeconomics, a major emphasis of this course will be on the development of critical thinking skills and the application of economic principles and methodologies in problem solving. The course will incorporate a wide variety of activities including formal instruction in writing, debates, presentations, research projects and problem solving competitions in addition to traditional lectures, exams and homework problems. This course will give students a thorough understanding of the principles of micro and macroeconomics that apply to the functions of individual decision makers, both consumers and producers. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of governments promoting greater efficiency and equity in the economy. The study of national income and price-level determination, and developing students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economies. Students are expected to take the Advanced Placement Economics Exam

Technology Education

Technology Education

GRAPHIC ARTS 1 **TEV110**
Credits: 0.5
Recommended Grade Level: 9
Length of Course: One semester
Prerequisite(s): None

This first semester course will provide an overview of the Graphic Arts and photography. Activities and areas of discussion will consist of Computer Graphic Design, Digital Photography, InDesign Illustrator, Photoshop, Computer Video Editing.

INTRO TO MANUFACTURING/CONSTRUCTION **TEV120**
Credits: 0.5
Recommended Grade Level: 9
Length of Course: One semester
Prerequisite(s): None

Students will spend their semester exploring both the construction and the manufacturing lab. In the construction lab they will use a variety of woodworking hand, power tools, and CNC router to create woods projects. In the metal manufacturing lab students will gain experiences in welding, foundry, sheet metal and machinery (lathe, milling and CNC machines).

PLTW COMPUTER SCIENCE ESSENTIALS (CSE) **TEV125-126**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): None

Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. Computer Science Essentials creates a strong foundation to advance to Computer Science Principles.

PLTW INTRO TO ENGINEERING DESIGN(IED) **TEV130-131**
Credits: 1.0
Recommended Grade Level: 9-12
Length of Course: Full semester
Prerequisite(s): None

Designed for 9th – 12th grade students, the major focus of IEP is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using and engineer's notebook, and communicate solutions to peers and members of the professional community.

Technology Education

GENIUS BAR **TEV160**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Basic technology skills

In this class, students will be responsible for running the high school Genius Bar, as well as working with teachers on technology integration and learning some technical and logistical aspects of a large scale technology implementation. Activities that the Genius Bar students will participate in are:

- Creating a Tech Tips blog that focuses on helpful technology integration and skills for teachers and students
- Managing the logistical aspects of the Genius Bar including device check-in and check-out, repair of devices, and troubleshooting
- Working with teachers on technology integration including innovative ideas, implementation strategies, and embedded support
- Responding to help desk tickets in an efficient and timely manner
- Device rollout and collection at the beginning and end of the year

GRAPHIC ARTS 2 **TEV210**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Graphic Arts/Photography

Graphic Arts 2 will provide the student with the opportunity to pursue in-depth study, and to perform advanced activities, in several graphics, computer, and photography areas. These areas will include; digital photography, digital photo editing (Photoshop), video production and editing, desktop publishing (In-Design), and computer graphics (Illustrator), video editing, production editing and scanning.

WOODWORKING 1 **TEV220**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: One semester
Prerequisite(s): Intro to Manufacturing/Construction or scheduled to take in the same year with instructor's approval

Woodworking Manufacturing 1 is a course designed to introduce students to general woodworking practices. Students will expand their knowledge, experience, and skill through various projects, lessons, and other activities which will be beneficial to the student in any aspect within the construction industry. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. Projects are designed to give students experience using various machines and tools, help students find a broader understanding of construction processes, and help students develop a finer attention to detail and in depth problem solving skills.

Technology Education

WOODWORKING 2 **TEV221**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Woodworking Manufacturing 1

Woodworking Manufacturing 2 provides students with an
introduction to the design and operation of production systems. Emphasis is placed on efficient and appropriate plant layouts, process selection and sequencing, materials handling system design, quality control procedures, production planning and control activities, and product manufacture. The main activity is for students to establish a production system for a product as specified by a set of engineering drawings, bill of materials, and specification sheets.

BUILDING CONSTRUCTION **TEV222**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Intro to Manufacturing/Construction

This course is designed to give students the opportunities to initiate, design, finance, and take part in a small construction company. Emphasis will be placed on residential construction with energy conservation playing a key role. This is a hands-on course with the major activities being the formation of a company to design, construct, and market a small structure.

HOME IMPROVEMENT **TEV223**
Credits: 0.5 per semester
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

This is an introductory course, designed for students that have little or no experience in construction or related repairs. This course is designed to give students the background necessary to alter, repair, and maintain a residential structure. It involves hands-on activities, including experiences in areas such as hand tools, basic constructive techniques, plumbing, electrical, drywall, insulating, concrete and tile work, painting and wall coverings, heating systems, and energy conservation techniques. Throughout this course service related careers will be examined and discussed.

Technology Education

ENERGY & TRANSPORTATION 1 **TEV230**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): None

This course provides a broad overview of both our energy sources and systems for controlling power. Areas of study will include transportation, engines, fluid power, and new power systems. In addition, alternate energy sources will be presented along with career exploration.

ENERGY & TRANSPORTATION 2 **TEV231**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Energy & Transportation 1

This is a one semester course that gives the individual student the chance to obtain additional background in a more concentrated area. It is our recommendation that students choose at least four areas to study or research. For example: If students have a real interest in engines, they may wish to work on internal combustion engines, electricity, mechanical gearing, and engine efficiency. The outline and goals for this course will be worked out on an individual basis with each individual student.

MANUFACTURING PROCESSES **TEV232**
Credits: 0.5
Recommended Grade Level: 10-12
Length of Course: One semester
Prerequisite(s): Intro to Manufacturing and Construction

Provides training to safely operate commonly used metalworking equipment such as lathes, milling/CNC milling machines, CNC plasma cutter, welders, and pipe bender while making various hands-on projects. Students learn to use basic measuring equipment such as scales and dial calipers. Students also learn basic machining procedures such as calculating speeds and feeds, determining tap drill sizes, and selecting tooling. Several nontraditional machining processes- sheet metal processes, joining processes, foundry, bench metals, machining, CNC design, and career exploration.

Technology Education

MANUFACTURING PRODUCTION **TEV330**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): Manufacturing Processes

This course is designated for Juniors and Seniors who like to create! Manufacturing Production is a hands on project oriented course where students will fabricate metal products. Students will Utilize computer controlled machines, learn and apply blueprint reading, layout and design, fabrication and welding safety, mass production types, and basic fabrication techniques.

PLTW COMPUTER INTEGRATED MANUFACTURING (CIM) **TEV260-261**
Credits: 0.5 per semester
Recommended Grade Level: 10-12
Length of Course: Full year
Prerequisite(s): PLTW IED or PLTW POE

Manufacturing transforms ideas into products. Designed as the second course in the PLTW Engineering Pathway, CIM provides an opportunity for students to develop a better understanding of this innovative and exciting industry. Students learn about manufacturing processes, product design, robotics, and automation. Students develop their knowledge and skills of Computer Aided Design and Manufacturing to produce products using a Computer Numerical Controlled (CNC) mill. Students apply the knowledge and skills gained in this course as th collaborate to design, build, and program factory system models.

PLTW AP COMPUTER SCIENCE PRINCIPLES(CSP) (WEIGHTED) **TEV290-291**
Credits: 0.5 per semester
Recommended Grade Level: 10-12
Length of Course: Full year

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career.

Technology Education

MEDIA PRODUCTION/YEARBOOK DESIGN **TEV310-311**
Credits: 0.5
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None

This class is open to Juniors and Seniors only. This is a hands-on class in which students will learn the fundamentals of media production by designing and producing the RHS Student Yearbook. This is a capstone course for students on the Graphic Design Pathway, but is also open to all Juniors and Seniors who are interested in contributing to the process of creating the Yearbook. This course will begin by instructing students on essential media production skills, such as how to gather artifacts, create layouts and organize design elements to create visually appealing and engaging pages. Furthermore, students will learn how to conduct interviews, gather quotes, take photos, edit and design graphics, and develop themes that optimize reader engagement for all stakeholders within the school. Juniors and Seniors who demonstrate leadership qualities will have the opportunity to take editorial roles and develop advanced skills in the design and production of the school yearbook. As editors, student leaders will be responsible for communicating with staff members, delegating assignments, setting deadlines, monitoring progress, and assembling finished products. **Students must take the course first semester to be able to take it again, second semester.**

PHOTOSHOP **TEV320**
Credits: 0.5 per semester
Recommended Grade Level: 11-12
Length of Course: One semester
Prerequisite(s): None

Photoshop is a one semester course designed for juniors and seniors. This course introduces basic electronic pixel-based image manipulation. The course uses software tutorial exercises that require Adobe Photoshop software. This course is offered with an option for college credit with MPTC. Upon completion of this class, students will earn three college credits.

TECHNOLOGY EDUCATION INTERNSHIP **TEV475-476**
Credits: 2.0
Recommended Grade Level: 11-12
Length of Course: Year Long
Prerequisite(s): Teacher Approval

The primary objective of the Ripon High School Internship program is to provide students with an opportunity to observe and/or participate in all aspects of construction that are typically encountered in the construction workplace. Real world hands on experience using different types of construction hand and power tools

World Language

World Language

SPANISH 1 **WL110-111**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

Spanish 1 is a course designed to create fluency and accuracy for all students. Vocabulary, structures and grammar are learned through Comprehensible Input. The Level I language course is designed to introduce students to the language and the culture of countries where the language is spoken. Students will learn high-frequency words structures through comprehensible input techniques including TPRS (Teaching Proficiency through Reading and Storytelling), as they acquire listening, speaking, reading and writing skills in context through stories and mini-novels that will increase in difficulty. Music, movies (both short and feature length), and other authentic materials are also used as resources in order to create authentic language in class. The majority of the instruction will be in the target language.

SPANISH 2 **WL210-211**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful completion of Spanish 1 or consent of instructor
NCAA: Approved

The Level II language course is designed to deepen students' understanding of the language and the culture of the countries where the language is spoken. Students will build upon the concepts and topics introduced in Level I through the use of comprehensible input techniques including TPRS(Teaching Proficiency through Reading and Storytelling). Students will expand their listening, speaking, writing and reading skills through the exploration of stories, mini-novels, songs, movies and other authentic materials that increase in difficulty and utilize high-frequency vocabulary and grammar structures in the target language. The class will be conducted in the target language for a minimum of 90% of the instructional time. Spanish 2 is a course designed to create fluency and accuracy for all students.

SPANISH 3 **WL310-311**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful competition of Spanish 2 or consent of instructor.
NCAA: Approved

The Level III language courses are conducted in the target language for a minimum of 90% of the instructional time. Students continue to develop the four basic language skills of listening, speaking, reading, and writing. Once again, classes are designed to deepen students' understanding of the language and the culture of the countries where Spanish is spoken. Students will build upon vocabulary and grammatical structures already learned; while there will be an increased emphasis on speaking and writing in the target language. Listening, reading and storytelling with a Comprehensible input input/approach will continue to be emphasized. Practical vocabulary will be utilized for students to apply to everyday situations as well as cultural themes new to students. Spanish 3 is a course designed to create fluency and accuracy for all students.

World Language

SPANISH 4 **WL410-411**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful completion of Spanish 3 or consent of instructor.
NCAA: Approved

Level IV is conducted almost exclusively in the target language. Writing activities will consist of prepared and spontaneous assignments. Verbal proficiency is encouraged through dialogues, reports, debates and retelling of stories. Authentic movies, videos and shorter movies will be utilized in class. Reading, writing, listening, and speaking in context will also be expanded through the use of mini-novels, class discussions and Skype as well as other technological means to communicate with people in Spanish speaking countries and to practice Spanish. At the conclusion of the course, students will be more prepared for conversations with native speakers, college level courses, entrance exams and travel abroad. Spanish 4 continues to build fluency and accuracy for all students.

AP SPANISH **WL510-511**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful completion of Spanish 4 or consent of the instructor
NCAA: Approved

Spanish 5 builds fluency and accuracy through content units focusing on daily life, social issues, politics and problems of the Spanish-speaking world. The units cover a broad range of contemporary topics that involve class discussion and conversation, as well as storytelling. The emphasis is on communicating and developing fluency in the language; grammar topics, new tenses, and skills are taught as needed for communicative purposes. The range of topics covered ensures that students acquire key vocabulary on a number of important themes. The course makes significant use of TPRS, a storytelling strategy that builds oral comprehension and speaking fluency as well as composition skills. Assessment is largely whole-language oriented, involving in-class compositions, graded oral discussions, and oral comprehension checks. Native Spanish speakers from a variety of backgrounds have successfully completed the course but should check with the instructor beforehand to ensure that the course is a good fit for their skill level and goals.

SPANISH LITERACY FOR HERITAGE STUDENTS **WL101-102**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Familiarity with at least oral Spanish

This course is designed for native speakers of Spanish who already have basic conversational skills in the language. If you converse and watch TV in Spanish at home, this could be the class for you. We will focus on three things: building vocabulary through content units chosen by the students; developing reading skills through a free choice reading workshop (with the option of group and whole class selections as the class decides); and developing writing skills through frequent short compositions and targeted grammar instruction as needed. The classroom library contains books aimed at a wide range of skills, from early elementary up through adult. Past content units have included such topics as the history of the US-Mexico border, drug cartels, famous Latin Americans, Mexican history, gang life, analysis of popular song lyrics, the Aztecs, astronomy and South American geography. The goal of the course is to set Heritage students on a path to becoming bilingual professionals. Depending on age and starting skill level, students may take the class for 1-2 years and transition into anything from Spanish 4 or AP Spanish to college classes.

World Language

GERMAN 1 **WL120-121**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): None
NCAA: Approved

First year German is designed to introduce beginning language students to the language and culture of the German-speaking countries. We will concentrate on learning high-frequency language structures through TPRS (Teaching Proficiency through Reading and Storytelling) and students will develop listening, reading, speaking, and writing skills in the context of short stories. Class-created stories, short films, authentic songs, and beginner level novels will also be key parts of level 1 German. The majority of instruction will be in the German language.

GERMAN 2 **WL220-221**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful completion of German 1 or consent of instructor.
NCAA: Approved

In level 2 German, we will continue to build on the basic listening, speaking, reading and writing skills that were our focus in first year German. TPRS (Teaching Proficiency through Reading and Storytelling) will continue to be a large part of instruction, as will thematic units such as house and home, films, city life, transportation and the German love of soccer. Students will read several short novels along with authentic texts such as short stories and children's books. The majority of instruction and interaction will be in the target language.

GERMAN 3 **WL320-321**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful completion of German 2 or consent of instructor.
NCAA: Approved

Third year German students are ready to apply the reading, listening, writing and speaking skills they've acquired in levels 1 and 2 to a variety of cultural and historical topics. These include legends of the Rhine River, Grimm's fairy tales and how the sport of soccer arrived in Germany. Thematic topics studied include travel in the German speaking countries, technology, careers and health. Students will gain experience reading both novels created for German learners and a variety of authentic texts including news articles about current events, poems, short stories and children's books.

World Language

GERMAN 4 **WL420-421**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
Prerequisite(s): Successful completion of German 3 or consent of instructor.
NCAA: Approved

The fourth year course continues speaking, listening, reading, and writing skills already learned and expands them to include more vocabulary and themes. Emphasis is on specific problems facing youth, multicultural Germany, topics in German history, and current events. Culturally authentic media, which include novels, magazine articles, pop songs, news broadcasts, and films, make up an important part of German 4 coursework. One of our main goals at this level is to increase students' confidence in their ability to communicate ideas in German, both through spoken and written language.

GERMAN 5 **WL520-521**
Credits: 0.5 per semester
Recommended Grade Level: 9-12
Length of Course: Full year
NCAA: Approved

German 5 is intended to be the stepping stone for students as they prepare to make the transition up to college level German courses. Conversation, composition, and the reading of a variety of authentic texts are emphasized, as is constant teacher-student and student-student communication in the target language. Topics include current events, city life, issues in post-World War II Germany, and topics in Austrian and Swiss culture. The reviewing and fine tuning of tenses and grammatical structures is also a key part of coursework as students move toward greater confidence and accuracy in their writing and speaking abilities.
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Additional Course Offerings

Additional Course Offerings

PRINCIPLES OF LEADERSHIP 1 (PENDING) **ID200**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: Semester
Prerequisite(s): None

Description: Principles of Leadership focuses on leadership attributes that can be identified, modeled and taught. The class is primarily experiential-learning based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce those skills throughout the semester.

PRINCIPLES OF LEADERSHIP 2 (PENDING) **ID210**
Credits: 0.5
Recommended Grade Level: 9-12
Length of Course: Semester
Prerequisite(s): Principles of Leadership 1

Description: Principles of Leadership 2 will expand on the leadership attributes taught in Principles of Leadership 1. The class is primarily experiential-learning based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce those skills throughout the semester.

YOUTH APPRENTICESHIP (YA)
Credits: 1.0 (per semester)
Recommended Grade Level): 11-12 * may take 2 years
Prerequisite: On track to graduate, good attendance record, and an interest in developing employability skills while gaining work experience.

Youth Apprenticeship is a one or two-year program that combines mentored, and on-the-job learning with academic and technical classroom instruction. It opens doors for students by giving them the chance to “try-out” a career area while experiencing an adult working environment. Students gain paid, hands-on learning with a business mentor, while completing classroom instruction related to the career area.