Bowler High School

Course Catalog 2021– 2022



"We provide access to success in an everchanging world"

School District of Bowler 500 South Almon Road Bowler, Wisconsin 54416

The Bowler School District does not discriminate on the basis of any characteristic protected under State or Federal law including, but not limited to sex, age, race, color, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, handicap, or physical, mental, emotional, or learning disability, citizenship status, arrest record, conviction record, veteran status, membership in the national guard, state defense force or any other reserve component of the military forces of the United States or this state, or use or nonuse of lawful products off the Bowler School District's premises during nonworking hours.

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Course offerings are subject to change depending upon sufficient enrollment numbers

Advanced Course Types/Other Ways of Learning

RVA (Rural Virtual Academy)

Online Classes via RVA Consortium: A variety of core and elective courses are available through the RVA Consortium. These classes are delivered in different formats from Florida Virtual School, Fuel, Middlebury, eDynamic, Carone, Pointful Education, Odysseyware and Accel Ed. Enrollment in these courses is available for Juniors and Seniors upon approval of the guidance counselor. Freshman and Sophomores need the approval of the high school principal and the guidance counselor. Foreign Language classes are available for students to take if they have completed at least 2 years of the Foreign Language in a classroom format. There are hundreds of course available, please see your School Counselor or the Alternative Education Teacher to see what might interest you.

*NOTE: This does not include students that are taking courses for credit recovery.

ERVING Courses

Bowler School District belongs to a consortium with The Embarrass River Valley Network (ERVING) is a consortium of nine PK-12 school districts established in 1991 as Wisconsin's first fiber optic distance education network. ERVING's mission is to use telecommunications and technology to expand and enrich educational opportunities for students. Every building in every ERVING district has high definition ready distance learning capabilities.

BENEFITS OF TAKING ERVING COURSES

- Expanded curriculum for high school students: Take classes in areas such as business, world language and early childhood that Bowler High School doesn't have the opportunity to run or take more topic-specific classes that focus in on your interests.
- Learn how to use distance learning: Communicating via video and working with group members in distant places translate into the 21st century skill of global communication.

Schools from our area offer classes through this network ranging from Dual Credit courses to AP courses to elective courses. Juniors and Seniors can select courses to take but must have good academic standing. An ERVING course offering will be available to Juniors and Seniors.

To Participate in ERVING courses, students are responsible for committing to the course the spring ahead of it being offered. Families will be bound to the ERVING agreement and will not have the option to drop. Commitment to these courses is required.

Prerequisites for courses are determined by the host school. Students who are in good academic standing and have shown the ability to work responsibly with minimal supervision will be offered the opportunity to enroll.

If you are interested in participating in classes offered through the ERVING network, please see the school counselor for a copy of course offerings.

Advanced Placement Tests

The UW Board of Regents policy requires all UW System institutions to grant credit for score of 3 and above on College Board Advanced Placement Exams. Each campus will determine whether course equivalent credit or credit in the major should be granted and which AP scores are required to grant credit for those purposes. These credit can allow students to save college tuition, study abroad, or secure a second major.

Through ERVING, Bowler High School currently offers AP testing for the following classes:

- AP Calculus
- AP Psychology
- AP Spanish
- AP Statistics

NOTE: Those courses are not taught as AP courses within the district. Talk with the course's instructor to see if taking the AP test is the best fit for you. Other AP courses may be available through the ERVING network; Rural Virtual Academy (RVA); or OdysseyWare.

BENEFITS OF TAKING AP TESTS

- Earn College Credits: By scoring successfully on the related AP Exam, you can save on college expenses: most colleges and universities nationwide off college credit, advanced placement, or both, for qualifying AP Exam scores.
- Skip Introductory Classes: If you already know your preferred college major, earning a qualifying score on the AP Exam can help you advance and avoid required introductory courses-so you can move directly into upper-level classes and focus on the work that interests you most. Even taking an AP Exam unrelated to your major place you beyond your college's general education requirements.
- Build College Skills: Taking an AP course builds the skills you'll need throughout your college years. You give you mind a rigorous workout while polishing up your time management and study skills.

<u>Dual Credit</u>

Students enrolled in this program earn college credit while attending courses at Bowler School. Students in this program do not leave campus to receive college credit. Students can earn .25 high school credit for each college credit earned. Courses are either semester or year-long courses. Once a student signs up for this course, it cannot be dropped. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit. All college credits are transferable based upon the recommendation of the college you are transferring to.

GED Option #2 (GEDO2)

The GEDO#2 is a program that allows a credit deficient senior an alternative opportunity to obtain a traditional high school diploma. Students must be 17 years old, at least one year behind in credits, have a 9th grade Reading level and have a 7th grade Math level in order to be eligible to apply to the program. There are several components to the program: 1. Academics four GED tests (Reasoning through Language Arts, Mathematical Reasoning, Science, Social Studies) and five special units (Career Exploration, Job Seeking and Employability Skills, Technology Literacy, Personal Finance, Socio-Cultural Awareness) 2. Community Service/Employment or Job Shadowing (150 hours) 3. Attendance (Flexible schedule with 90%, minimum requirement) and

4. Behavioral (all school rules apply plus any agreed upon and stated in the contract.)

Youth Apprenticeship (YA)

In partnership with Northcentral Technical College (NTC), BHS is proud to offer students the Youth Apprenticeship (YA) program. This is a rigorous on- or two-year program that combines academic and technical instruction with mentored, paid, on-the-job learning that makes a real world connection for students. Youth Apprentices work a minimum of 450 hours at their YA worksite each year of their program and take related high school or college classes to enhance their worksite experiences. High school juniors and seniors are eligible to participate. The program areas are: Agriculture, Food and Natural Resources; Architecture and Construction; Finance; Arts, and A/V Technology, and Communication; Finance; Health; Hospitality, Lodging and Tourism; Information Technology; Manufacturing; Marketing; Science, Technology, Engineering and Math; and Transportation Distribution and Logistics. This is for students who want to get that hands-on learning in the workplace while seeing if their career interests are really what they see themselves doing after high school or postsecondary plans. For more information, please see NTC's site: <u>http://www.ntc.edu/prospective-students/high-school/youth-apprenticeship</u> or contact the school counselor.

Graduation Requirements

Students intending to graduate from Bowler High School are required to successfully complete 24 credits of coursework, as listed below. A credit is defined as a course taken for one period, five days a week for a full school year.

Bowler High School Graduation Requirements

Department/Class		Credits
English		4.0
Mathematics		3.0
Science		3.0
Social Science		3.0
Physical Education		1.5
Health		0.5
Social Problems		1.0
Analytical Personal Finance Math	(sem. 1)	0.5
Electives		<u>7.5</u>
TOTAL		24.0

Students are **REQUIRED** to complete the following sequence of **ENGLISH** courses:

- 9th grade-English 9
- 10th grade-English 10
- 11th grade-English 11(may substitute other course ex. AP English with Principal permission)
- 12th grade-English 12 (may substitute other course ex. AP English with Principal permission)

Students are **REQUIRED** to complete the following sequence of **Science** courses:

- 9th grade-General Science
- 10th grade-Biology

Students are **REQUIRED** to complete the following sequence of **Social Studies** courses:

- 9th Grade-World History
- 10th grade-Civics/US History
- 11th grade-US History

A detailed, four-year graduation plan can be filled out on page 25

Students are responsible for determining if they have enough credits to graduate. Seniors are especially urged to check their credit situation at the beginning of their senior year and to follow up with the counselor during the second semester if any courses are in jeopardy.

Post-Secondary Planning

Military and ROTC

Representatives from the various military branches visit the high school on a regular basis. Please contact your School Counselor if you are interested in meeting with a specific recruiter. The military also requires students to take an entrance exam called the ASVAB. Find out more at http://www.todaysmilitary.com/app/tm/

The ROTC is a military program students participate in during college. Students are able to graduate with their chosen major and receive up to \$60,000 in scholarship assistance. Students are required to serve active duty in the military following graduation. Learn more at http://www.goarmy.com/rotc/ http://www.goarmy.com/rotc/ http://www.goarmy.com/rotc/ http://www.afrotc.com/

Technical College

Technical Colleges provide students with specialized skills. Students may enroll in associate, certificate programs or vocational training programs that can be completed in two years or less.

All two-year Wisconsin and Minnesota technical colleges require the following for admission:

- High School Diploma
- ACT scores or placement test (i.e. Accuplacer)

Admission requirements and application dates can vary considerably from program to program. For instance, some programs in the health field only have a three day application window and require the ACT-other programs don't. Some technical colleges allow students to apply during their junior year. Students will not be admitted into a program until all requirements are satisfied. Technical Colleges are becoming competitive and students should exceed the basic recommendations. Visit <u>www.witechcolleges.com</u> foro specific information as it varies campus to campus.

Two-Year and Four-Year Universities

College entrance requirements vary among colleges/universities. Student academic preparation and college entrance scores are the initial criteria the school will assess. Extracurricular activities, personal essay, and community service are also a part of the process for most schools. Students interested in attending a particular college/university should research specific admission and program information early in their high school career.

The following minimum admission requirements are typically accepted by Wisconsin 2-year and 4-year universities. However, many universities expect students to have exceeded these minimum requirements.

- English 4 credits
- Mathematics 3 credits
 - *Algebra I, Geometry, and Algebra II are minimal college preparatory credits
- Social Studies 3 credits
- Some universities like UW-Madison and Minnesota universities require 2.0 credits of the same World Language (or English as a Second Language) to graduate from their institutions with a grade of C or better for admissions. Other universities may require 1.0 credit of Fine Arts for admission.
- Visit <u>http://www.uwhelp.wisconsin.edu/admissions/freshman/index.aspx</u> for information by campus.

World of Work

Students choosing to pursue a full time career after high school should be prepared! Employers are looking for skilled and responsible employees. Bowler High School has many electives that can expose students to a variety of valuable experiences. It would be wise for students to have a resume prepared and work experience to list on a job application.

Career Clusters

<u>Overview</u>

There are 16 Career Clusters in the National Career Clusters Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career. They help students discover their interests and their passions, and empowers them to choose the educational pathway that can lead to success in high school, college and career.

The Bowler High School Course Catalog incorporate the Career Clusters into the course selections. These tools, Courses of Study and Career Pathways, are ways for students to group their required courses and electives into a coherent sequence in preparation for college and careers. Utilizing the 16 Career Clusters, students can identify pathways from high school to technical colleges, two and four-year universities, graduate school, and/or directly to the workplace. By connecting education to future goals, students are motivated to work harder and enroll in more rigorous courses.

Almost all career possibilities can be found within the 16 Career Clusters. Students at Bowler High School are fortunate to have the opportunity to take coursework relevant to Career Clusters. Communicating career and educational goals to your school counselor, and exploring the 16 Career Clusters and their pathways at http://mywtcs.wtcsystem.edu/student-success/career-pathways can aid students in choosing relevant and applied coursework designed to meet their individual educational and career goals.

Career Fields, Career Clusters and Career Pathways Infographic

Academic and Career Development Courses

Alternative Education Online Course

Grade: 9, 10, 11 and 12 *Credit:* VARIES <u>Prerequisite(s):</u> Approved Alternative Education Online Class *Course Description:* Online Classes via RVA Consortium: A vari

Course Description: Online Classes via RVA Consortium: A variety of core and elective courses are available through the RVA Consortium. These classes are delivered in different formats from Florida Virtual School, Fuel, Middlebury, eDynamic, Carone, Odysseyware and Accel Ed. Enrollment in these courses is available for Juniors and Seniors upon approval of the guidance counselor. Freshman and Sophomores need the approval of the high school principal and the guidance counselor. Foreign Language classes are available for students to take if they have completed at least 2 years of the Foreign Language in a classroom format.

Assistant Childcare Teacher (ERVING)

Grade: 11 and 12

Credit: .5

Course Description: This course is excellent for students who are interested in a career in which they are working with children (teacher, counseling, childcare, psychology, social work, community services). The course will emphasize the physical, emotional, social and intellectual development of children, birth to adolescents. Students will focus on the application of child development principles to the care of children while in group settings. Students are required to complete 10 hours of observation and/or instruction in a child-centered environment. Upon completion of the course, observation hours, 85% attendance, and a grade of C or better, the student will receive a DPI Skills Certificate which allows them to be employed as an Assistant Child Care Teacher. The DPI and the Wisconsin Technical College System have entered into an agreement whereby three elective credits may be awarded for successful completion of this course upon enrollment in a WTCS Early Childhood Program.

CAPP Elementary/Secondary Education (ERVING)

Grade: 11 and 12

Credit: .75

Course Description: The main purpose of this course is to develop an informed understanding of what it means to be a professional K-12 teacher and to encourage critical perspectives of the relationship between the individual, school, and society. The course is designed to help foster cultural awareness at the individual and systemic levels and to promote equity and social justice in educational practices and in the community as a whole. Students will examine their own educational backgrounds and analyze influences that have shaped them as members of society and potential educators. We will explore a wide range of education topics, including diversity and equity, historical contexts of school in society, the politics of education, teachers' and students' roles, educational philosophy, pedagogy, and curriculum. Because this is a teacher education course, there will be opportunities to lead the class in discussion and activities. Cost to student is \$300 if they choose the credit from UW-Oshkosh.

Early College Credit Program

Grades: 9, 10, 11 and 12

Credit: Varies, based on the amount of credit taken at college level

Prerequisite(s): Will be determined by the school board.

Course Description: The Early College Credit Program (ECCP) allows full time Bowler High School students who meet program requirements to take post secondary courses at the University of Wisconsin system

college or other institution of higher education if there is NOT a comparable course offered in the school district. A maximum of 18 post-secondary credits may be earned through ECCP or any other program. For more information, contact the School Counselor. **NOTE:** If a student receives a failing grade in an Early College Credit Program course, the student's parent or guardian is required to reimburse the school district the amount paid.

ECE Certificate-STC-NTC (ERVING)

Grades: 11 and 12

Credit: Two semesters, 2.25 credits (9.0 college credits)

Prerequisite(s): Assistant Childcare Teacher or School Counselor Consent

Course Description: This certificate is designed to provide the minimum education and training requirements required by the state of Wisconsin Department of Children and Families to work in a child care setting. Three courses (ECE: FOUNDATIONS OF ECE; ECE: GUIDING CHILD BEHAVIOR; and ECE: ART, MUSIC & LANGUAGE ARTS) are taken in succession to complete the certificate program in one year. For more information, please visit the NTC Early Childhood Education website. **NOTE:** If a student receives a failing grade in a Start College Now course, the student's parent or guardian is required to reimburse the school district the amount paid.

English Literacy or Math Literacy (RtI)

Grade: 9, 10, 11, and 12

Credit: .5 per semester

Course Description: Students who score low on standardized tests for the school and state, struggle in classes and have teacher referral will be in interventions to build up their academic deficiencies. This will be semester placement and will be reviewed at the end of the semester to see if the extra support is needed.

Start College Now

Grade: 11 and 12 *Credit:* Varies based on amount of credit taken at college level <u>Prerequisite(s):</u> Will be determined by the school board

Course Description: The Start College Now allows full time Bowler High School students who meet program requirements to take post-secondary courses at a Wisconsin technical college if there is NOT a comparable course offered by the school district. A maximum of 18 post-secondary credits may be earned through SCN or any other programs. For more information, see the School Counselor. <u>NOTE: If a student receives a passing grade in a Start College Now course, the student's parent or guardian is required to reimburse the school district the amount paid on the student's behalf.</u>

Youth Apprenticeship

Grade: 11 and 12

Credit: semester 0.5

Prerequisite(s): minimum 2.0 GPA and an approved NTC School-to-Work application

Course Description: Youth Apprenticeship places juniors and seniors in apprenticeship training programs consisting of occupational classes in a classroom environment and work-site training. Students receive paid work-consisting of occupational at local business, totaling a minimum of 450 hours per year, and are responsible for all transportation costs associated with program participation. Students take classes at BHS necessary to meet graduation requirements at Bowler High School. For more information see the School Counselor.

AgriScience Course

Wildlife/Natural Resources Conservation Forestry

Grade Level: 10, 11 and 12

Credit: 1 This could be a semester as well

Course Description: A course that includes the following areas of instruction: agriculture(study of bees), deer hunting, wildlife management, bear safety/identification, wolves, owls, Wisconsin fish, water conservation, soil conservation, pollution control, tapping maple trees, and recycling. Activities include: deer antler scoring, WolfQuest interactive learning tool, pollution reaction models, tap maple trees, and recycling revamp.

Agriculture Sciences

Grade Level: 9, 10, 11 and 12 Credit: 1 Prerequisite for all Ag classes Course Description: Units covered include: Plant Science- Principles of Plant Growth, propagation methods, soil science, Growth hormones, and gardening. Animal Science- units covered include: Care/Maintenance of Dairy, Beef, Equine, Poultry, Sheep, and Goats. Activities include: parts of flower interactive demo, leaf and stem cuttings, soil sampling/testing, udder dissection, ear notching demos, meat judging, plant/manage school garden.

Veterinary Science/Small Animal Care Domestic Animals

Grade Level: 11 and 12 *Credit:* semester 0.5

Course Description: Content includes: Animal reproduction, nutrition and evaluation. Small Animal Carecovers the choosing and care of animals- including nutrition and basic veterinary procedures (sutures/injections). Activities include: judge and grading market animals, figuring rations for animals, orange injections, stuffed animal mending with sutures and demonstrate artificial insemination in a real female reproductive tract of a dairy animal and udder dissection. (Recommended for animal lovers)

Food Science

Grade Level: 11 and 12 *Credit:* 1 *Course Description:* A course to teach the science behind food and food preservation. Food Knowledge: what's healthy and in your food is also highlighted. Units/Activities include: Roasting, Dehydration, Fermentation, Cold Processing, Dairy Processing, Canning- each unit has a food creation.

Forestry

Grade Level: 11 and 12 *Credit:* semester 0.5

Course Description: Units include: Forest trail maintenance, identification of trees, forestry history, forest conservation, orientation, and land measurement. Activities include: pruning, tree id with dichotomous key, using a transit and compass, and plotting on map

Greenhouse Management

Grade Level: 11-12 *Credit:* semester 0.5

Course Description: The title says it all students will apply for jobs, interview, receive their positions and begin to plan, plant, manage, sell bedding plants and vegetable seedlings. The class will be responsible for reevaluation of the greenhouse from the watering systems to flooring. Also students will redesign our pumpkin patch and manage it from seed to harvest.

<u>Agribusiness/Leadership</u>

Grade Level: 10, 11, and 12 *Credit*: semester 0.5

Course Description: First semester will be focused on Agribusiness and everything you need to know about how to run a successful business. It involves math skills that would necessary to help run a business. You will be able to develop your own business plan and goals! Second semester will focus on leadership. You will be challenged to help you achieve future success in all areas of life. Including, but not limited to speaking skills, teamwork and career success!

Aquaponics- Aquaculture

Grade Level: 11 and 12

Credit: semester 0.5

Course Description: The study of growing fish and the study of growing plants-Hydroponics combine in this class to create a living and producing man-made pond. The pond is self-sufficient and a constant cycle. Students will study the water testing, aquaculture, hydroponics, and also the management of a pond ecosystem- to create plants and fish to harvest at the end of the school year.

Large Animal Science - Dual Credit Course through NTC, additional class, 1 semester long, could offer both semesters.

Business & Information Technology Courses

Accounting I (ERVING)

Grade: 10, 11 and 12 *Credit:* Two Semesters. 1 credit

Course Description: What is a credit? What is a debit? How do businesses figure prices to make a profit? This high school course in accounting involves principles and methods of recording business transactions and the preparation of financial statements with an emphasis on the records of a sole proprietorship, partnerships, and corporations.

Accounting II (ERVING)

Grade: 11 and 12 *Credit:* Two Semesters, 1 credit *Prerequisite(s):* Accounting I *Course Description:* Advanced accounting picks up where Accounting I left off and deals with review of the accounting cycle. Emphasis is placed on cost accounting and corporation management. Note: Students meeting specified competencies in this course will qualify for advanced standing credits at NWTC in Accounting I.

Cyber Literacy for the Digital Age (ERVING)

Grade:10, 11 and 12 *Credit:* One Semester, .5 credit *Course Description:* This course is a semester long course that will equip students with the knowledge, tools and resources they will need to adapt, grow and stay safe in today's ever-changing

Intro to Marketing (ERVING)

Grade: 10, 11, and 12 *Credit:* One Semester, .5 credit

Course Description: This course will give you the foundations and functions of marketing. Students will then be able to create a marketing plan, create and distribute a product, set a price, promote the product, and then learn how to manage the risks and finances.

English Courses

<u>English 9</u>

Credit: 1 *Required* course for grade 9

Course Description: An introductory course in literature and writing. Students will concentrate on reading, understanding, and analyzing samples from the short story, novel, poetry, communication, and drama. A study of usage, grammar, and composition will help develop writing techniques.

English 10

Credit: 1 *Required* course for grade 10 *Course Description:* This course is an expansion of the skills of English I, with an emphasis on literary techniques and thematic essays. Literature survey will cover the novel, drama, poetry, fiction, and non-fiction. Composition and speech are combined with reading, research, and writing skills.

<u>English III</u>

Credit: 1 *Required* course grade 11

Course Description: A course that concentrates upon American literature through reading fiction, non-fiction, poetry, and drama. Oral communication through discussions and individual speeches and written communication through composition, including a series of expository essays, are emphasized. Effective on-line research and a written autobiography are also covered.

<u>English IV</u>

Credit: 1 *Required* course for grade 12

Course Description: This course reviews high school English skills and strengthens skills necessary for post-secondary success. A strong focus is placed on English literature, including the plays <u>Hamlet</u> and <u>Macbeth</u>. Other areas covered include an individual senior research project, resumes, and newspaper publishing.

Film Studies (ERVING)

Grade: 11 and 12 *Credit:* 1 Semester, 0.5

Course Description: Students will view and respond to a variety of films and television shows representing various eras and genres. Assigned reading will include reference materials regarding the history of film and TV, genres, and formal analysis of visual media. Students will be expected to take notes in class one these topics as well. Writing assignments will include a formal analysis of the merit of a film or TV show. Prerequisite: Junior status

Gothic Literature (ERVING)

Grade: 11 and 12 *Credit:* 1 Semester, 0.5

Course Description: This class focuses on the classic Gothic novels Dracula, Frankenstein, and Dr. Jekyll and Mr. Hyde and their influence on popular culture. It has a heavy emphasis on literature with a secondary focus on essay-writing skills. Major projects will include a creative writing extension of Dr. Jekyll and Mr. Hyde, a research project on a supernatural creature and its treatment in popular culture, an essay examining a theme in Dracula, and a persuasive essay related to Frankenstein.

AP Language and Composition (ERVING)

Grade: 11 and 12

Credit: Year, 1 credit

Course Description: AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style" (College Board, AP Language and Composition Course Overview 2019). **NOTE:** Students are strongly encouraged to take the AP Language & Composition examination in May to potentially earn college credit or advanced placement by scoring a three or above; however, taking the course just for enrichment can give the student those skills necessary to get good grades when attending college campus courses.

AP Literature and Composition (ERVING)

Grade: 11 and 12

Credit: Year, 1 credit

Course Description: AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works" (College Board, AP Literature and Composition Course Overview, 2019).

NOTE: Strongly recommended for those attending post secondary four year colleges. Students who enroll in this course are strongly encouraged to take the AP Literature & Composition examination in May to potentially earn college credit or advanced placement by scoring a 3 or above; however, taking the course for enrichment alone can provide students those skills demanded by college courses.

Fine Arts Courses

<u>MUSIC</u> Band

Credit: Year, 1 credit *Prerequisite:* Consent of Instructor

Course Description: This is a performance class meaning we work to prepare for performances such as concerts, parades, and sporting events. Open to students who have studied an instrument prior to 9th grade, however if you have a great desire to want to learn an instrument in grade 9 or 10 that is possible. A wide variety of music covering all styles of music is presented. Performance of the highest degree of quality is worked for whether it be in marching, jazz, pep, or a concert band setting.

<u>Chorus</u>

Credit: Year, 2/5 credit

Prerequisite: Consent of Instructor

Course Description: Introduces the student to a wide repertoire of songs ranging from the classical period through the modern day. The student will have a better understanding of proper vocal techniques and basic music theory as well as the opportunity to put into practice. The chorus participates in two annual concerts and Solo/Ensemble contests.

<u>ART</u>

Stained Glass

Grade Level: 9, 10, 11 and 12 *Credit:* Semester 0.5 *Course Description:* Students will learn the techniques to create stained glass art. They will gain experience in pattern design, glass cutting, construction, and soldering.

Painting

Grade Level: 9, 10, 11 and 12 Credit: Semester 0.5 Course Description: This class

Course Description: This class will help students develop technical skills and discover a personal style as they communicate effectively to an audience. Students will experience a variety of painting techniques and styles through class assignments and study of contemporary and historical art. This course will expand the student's knowledge of color and composition. Media may include acrylic, watercolor, and tempera paint.

<u>Ceramics 1</u>

Grade Level: 9, 10, 11 and 12 *Credit: Semester* 0.5 *Course Description:* Students will explore the various methods of working with clay: hand-building, slip-casting, and the potter's wheel. Students will also experiment with a variety of glazes and painting.

Ceramics 2

Grade Level: 9, 10, 11 and 12 *Credit:* Semester 0.5 *Course Description:* This course is for the student who wishes to further develop skills and techniques that were introduced in Ceramics 1.

<u>Sculpture</u>

Grade Level: 9, 10, 11 and 12 *Credit:* Semester 0.5 *Course Description:* Students will learn how to sculpt clay, stone, and wood. Other projects will involve paper, wire and plaster.

Drawing

Grade Level: 9, 10, 11 and 12 *Credit:* Semester 0.5 *Course Description*: Through this course, students will experience a variety of lessons designed to improve their drawing skills. Projects such as nature drawing, still life, figure drawing, perspective, book illustration, and cartooning will be explored.

Art Explorations

Grade Level: 9, 10, 11 and 12 *Credit:* Semester 0.5 *Course Description:* This course covers many aspects of art, including drawing, painting, 3-D design, and crafts. Students will complete exercises and projects using paper, paint, clay, and other materials.

Multicultural Arts & Crafts

Grade Level: 9, 10, 11 and 12 *Credit:* Semester 0.5 *Course Description:* Discover art from around the world! In this course students will explore a variety of artists, art processes, and materials used by different cultures. Students will create art that reflects these cultures.

Advanced Art

Grade Level: 11 and 12 *Credit:* Semester 0.5

Prerequisites: This course is for juniors and seniors that have taken at least two high school art courses and would like to continue to learn more.

Course Description: Advanced art is a studio course in which students will increase technical skills, develop a more sophisticated approach to process and subject matter, and create a portfolio of individual work. In this class students will keep an artist journal to explore artistic process, experiment with materials and analyze work. Each person will create a body of work in the type of art of their choice.

<u>Yearbook</u>

Grade Level: 9, 10, 11 and 12 *Credit*: Semester 0.5

Course Description: This class will be solely in charge of creating the school yearbook. Each student will be in charge of several pages in the yearbook, selling advertisements, photographing school happenings, and all other aspects that make for a great historical document. This class is a set up like an actual working environment with tasks that will need to be completed each week in class. Anyone thinking about pursuing a career in journalism, communications, graphic design or business is strongly encouraged to sign up to be a part of this year's Bowler Bohiscan. Students can repeat this course.

Mathematics Courses

<u>Algebra I</u>

Credit: 1

Course Description: One year math course which continues the study of mathematics from 8th grade. The basic skills are applied to the study of equations and inequalities. Graphing relations are also studied. This course may be required for college or technical school entrance.

<u>Pre-Algebra</u>

Credit: 1

Course Description: This course is an extension of Math 8 and is designed to strengthen basic math concepts and to prepare the student for Algebra I. Simplification of monomials and the use of formulas will be stressed.

Geometry

Credit: 1

Prerequisite: Algebra I

Course Description: A math course which involves the study of our two and three dimensional world. Basic topics covered are parallel lines, triangles, quadrilaterals, circles, area and volumes. This course is also needed for entrance into college and suggested for technical school. It could be taken concurrently with Algebra II.

<u>Algebra II</u>

Credit: 1

Prerequisite: Algebra I, Geometry

Course Description: A continuation of Algebra I and Geometry. It reviews all topics covered in Algebra I and expands them to include quadratic functions, conics, progressions and some trigonometry. This course is necessary for any science or business related college or technical school majors. It could be taken concurrently with Pre-Calculus.

Pre-Calculus

Credit: 1 *Prerequisite:* Algebra II (B average or approval of instructor) *Course Description:* A combination of trigonometry, analytical geometry, advanced algebra and probability.

<u>Calculus</u>

Credit: 1 Prerequisite: Pre-calculus and consent of instructor Course Description: This is a college level course designed to prepare the student for the rigors of a college course. It is the same concept that College Calculus I incorporates. The difference is that this class will be one year long whereas the college offering is done in one semester. Also, if a student desires, they may take this class for AP credit and take the AP test in May to try to earn college credit.

Analytical Personal Finance

Credit: 1

Preference given to 11th & 12th graders

Course Description: Students will learn real life math skills such as reconciliation of bank statements, discounts, commission, interest, taxes, investing and loans with an emphasis on personal finance. This required class can be taken concurrently with any math class.

LEGO Robotics I

Grade Level: 9, 10, 11 and 12 *Credit:* 0.5

Course Description: You will progress through activities designed to teach programming and more, while analyzing data obtained from sensors. Each of the six projects begins with a robotics research prototype in which you are guided step-by-step through the building and programming of a new robot behavior. Afterwards, you follow up your prototype work with a robotics investigation where you experiment with the robot's motors, sensors, and programming to learn how robots really work. For the more advanced students, they will learn engineering as they continually develop solutions to robotic challenges currently found in agriculture, security, and energy. They have a chance to solve the same problems that today's scientists and engineers are facing. We will also be working with a program called Vixen. This program allows users to program lights to run to music.

Prerequisite: completion of Algebra I and Geometry

LEGO Robotics II

Grade Level: 9, 10, 11 and 12 Credit: 0.5 Prerequisite: Lego Robotics I Course Description: Students will expand on the information learned in the first Robotics course.

Math for the Trades

Grade Level: 9, 10, 11 and 12 Gradit: 1 (Dual Gradit with NTC)

Credit: 1 (Dual Credit with NTC) *Prerequisites:* Junior or Senior grade level and/or recommendation from high school Math Teacher *Course Description:*_This course provides the opportunity for the learner to develop the knowledge skills process and understanding of whole numbers, fractions, decimals, measurement, trigonometry, integers,

algebraic equations, word problems, and practical plane geometry.

Curriculum: Provided by NTC due to being a dual credit course. NTC Required Textbook: Mathematics for the Trades: A Guided Approach 10th Edition by Robert A. Carman and Hal M. Saunders, Publisher – Pearson

Physical Education and Health Courses

Physical Education I

Grade Level: 9 Credit: 0.5 Required course

Course Description: In this course, students will be exposed to a wide variety of activities that will promote lifetime fitness and recreational opportunities. Students will learn the basic skills and skills tests on basketball, flag football, pickleball, badminton, volleyball, softball, speedball, team handball and soccer.

Physical Education II

Grade Level: 10 Credit: 0.5 Prerequisite: Physical Education I Required course Course Description: Students will be expected to be more competitive and go more in depth than activities in Physical Education I. Students will be tested on each unit.

BSF (Bigger, Stronger, Faster)

Grade Level: 11 and 12 Credit: 0.5 Maximum 12 students

Course Description: This elective course will emphasize the importance of athletics and becoming a bigger, stronger, faster, and more skilled athlete. Focus will be on becoming an experienced weight lifter. Daily lifts are required that involve arms, chest, back, legs, and glutes. There will also be an emphasis on cardio and agility. There will be a project on creating your own 3 week workout.

Aerobic Activities

Grade Level: 11 and 12 Credit: 0.5

Course Description: Students will be exposed to a wide variety of aerobic activities such as: Zumba, aerobics, pilates, running, jump rope, yoga. Students interested in getting a good workout should take this class.

<u>Team Sports</u> Grade Level: 11 and 12 Credit: 0.5

Course Description: In this course, students will only play team sports. Students will research each sport before they begin playing. Each unit will run around two weeks. Activities may include, but not limited to: volleyball, flag football, softball/baseball, basketball, soccer, ultimate Frisbee, team handball, speedball, La Crosse, broomball/floor hockey.

Individual Sports

Grade Level: 11 and 12 *Credit:* 0.5 *Course Description:* In this course, students will only play individual sports. The activities are recreational sports. Students will research each activity before they begin playing. Each unit will run around two weeks. Activities may include, but not limited to: Badminton, pickleball, tennis, golf, horseshoes, croquet, basketball (horse), bowling, archery, running, bocce ball. There may be a small fee for this course.

<u>Health</u>

Grade Level: 9 Credit: 0.5 Required Course Course Description:Explores the mental, physical, and social aspects of life and how each contributes to total health and well-being; emphasizes wellness, nutrition,disease, substance abuse/prevention, human growth and development, STI/STD education/prevention, and First Aid/CPR. There is also a component of the course that involves the Great Lakes Inter-Tribal Council and their curriculum of Discovery Dating and Circle of Life.

Science Courses

General Science

Credit: 1

Required course

Course Description: This course introduces students to physical science. Students will learn the basic principles of chemistry and physics. Topics studied include: classification of matter, atoms and compounds, the periodic table, chemical reactions, heat energy, forces of motion and nuclear reactions.

<u>Biology I</u>

Credit: 1 *Required course Course Description:* This full-year course covers the processes of life. Units studied include: the scientific method, classification, cytology, animal and plant systems, genetics, viruses, bacteria, fungi, ethology and ecology. Lab activities are included with each unit covered, including frog and fetal pig dissections.

<u>Chemistry</u>

Credit: 1

Prerequisite: Algebra I, 1 year of science (B average and/or approval of instructor) *Course Description:* A course which deals with the structure and composition of substances, the changes in composition, and the mechanisms by which these changes occur. Lab activities are organized so students can observe chemical reactions and changes. Chemistry will be offered in the 2021-2022 school year.

College Chemistry

Credit: 1

Prerequisite: Algebra I, 1 year of Chemistry 1 (B average and/or approval of instructor) *Course Description:* A step up on the course of Chemistry, which deals with the structure and composition of substances, the changes in composition, and the mechanisms by which these changes occur. Lab activities are organized so students can observe chemical reactions and changes. Students will also be taught how to manage, set up and use chemicals for general science labs. Subjects in chemistry will be re-examined in depth for those that want to enter college with a better understanding and practice of Chemistry Labs. College Chemistry is offered only to students who have had Chemistry, pending number of requests and school board approval.

Physics

Credit: 1

Prerequisite: Algebra I, 1 year of science (B average or approval of instructor) *Course Description:* The mathematical approach to the study and analysis of natural phenomena. Some of the areas to be studied include: light, sound, electricity, force and momentum. Students will participate in a bridge building and egg-dropping contest during the year as a special project. Mathematics is a very useful tool that must be mastered before a student attempts to take a course in physics. Because of the importance of math, a student must complete two years of high school math with a B average or higher. Physics is offered alternating years with Chemistry and will be offered in 2020-2021.

Advanced Physics: Modern Physics

Credit: 1

Prerequisite: Algebra I, 1 year of science Physics (B average and approval of instructor) *Course Description:* Students will be continuing in the study of particle physics and modern day Physics ranging from Hawking's, Newton's and Einstein's theories of space, time, and matter along with the mathematical demonstrations of each scientist. Quantum physics and construction of the big bang will also be discussed and developed in theory. Must have taken physics with a B average along with a mastery of algebra. Mathematics is a very useful tool that must be mastered before a student attempts to take a course in physics. Because of the importance of math, a student must complete two years of high school math with a B average or higher. Advanced Physics is offered only to students who have had Physics, pending number of requests and school board approval.

Ecology

Grade Level: 11 and 12 Credit: 1

Course Description: This course investigates human values as they relate to the environment. Students make judgments on how they can create a better quality environment for all citizens. A variety of instructional methods are used including: small group discussion, outdoor activities, individual projects and multi-texts. May not be accepted by colleges for science credit.

Body, Structure & Function

Grade: 11 and 12 *Credit:* 1 (Dual Credit with NTC)

Course Description: A full-year study in the structures and functions of the human body systems. Units studied include basic biochemistry, cytology, histology and twelve systems of the human body. Several animal dissections are part of the lab component, including the dog shark, white rat and domestic cat. Organ dissections of the heart, kidney, liver, lung and brain are also presented. A live knee replacement surgery is presented through the COSI program. This course would be of special interest to students interested in health and animal sciences. It is offered as Dual Credit through the NTC campus in Wausau. **NOTE:** Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Medical Terminology

Grade Level: 11 and 12 *Credit:* Semester .75 (Dual Credit with NTC) *Course Description:* Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. This is a dual credit course through NTC. **NOTE:** Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit. This is not identified as a Science Credit

Anatomy & Physiology

Grade Level: 11 and 12 Credit: 0.5

Prerequisite: The students need to have an A or B in Biology with an understanding that there will be 3-6 hours of study for per week. This class is only for juniors and seniors – No exceptions. *Course Description:* A concentrated course on the human anatomy and physiology that demands focused study and preparation in anatomy and physiology. Students should be prepared to take quizzes and tests both on MOODLE and Paper Copy. Most Labs are virtual as we are in an ERVING classroom. Topics include: skeletal and muscles, nervous system, cardiovascular, endocrine system.

Social Studies Courses

World History

Credit: 1 *Required course* Grade 9

Course Description: Survey course in the history of mankind. Through reading, lecture, map study, projects and movies, man's progress is traced from his first appearances on earth, his ancient civilizations in Europe, Asia, Africa and America. The focus of the course is on man and how he affected and was affected by the things that happened around him. The aim of the course is to provide a background and a relationship to the world today. Special emphasis is put upon those social, economic, and political forces that are apart of all of man's history - yesterday and today.

<u>Civics</u>

Credit: 0.5 *Required course* Grade 10

Course Description: This course is designed to instruct the basic ideas behind American Government and Democracy. A majority of the course will be spent studying the U.S. Constitution and the function of the three federal branches of government. Tribal Governments, State Governments, Local Governments and School Districts will also be discussed. Other areas of instruction will be legal issues, economics and advertising. Current events will be involved heavily in the instruction.

<u>U.S. History I</u>

Credit: 0.5 *Required course* Grade 10 *Course Description:* The history of America to the start of the American Civil War will be the topics discussed in this course. Special attention will be placed on the history of Native American cultures prior to European contact.

U.S. History II and III

Credit: 1 *Required course* Grade 11 *Course Description:* The history of the United States is a study of the historical development of the United States. The study of the nation's past will give students an understanding of the democratic ideals which have helped to form the American way of life. United States History II will cover the time period from the Civil War to the Great Depression. United States History III will cover the time period from World War II to the present.

Social Problems

Credit: 1 *Required course* Grade 12 *Course Description:* This course attempts to look at the following areas through lecture and discussions, movies, internet sources, etc.; your values and how to make decisions; problem solving; your role in the family and in school; your intelligence as a consumer and a citizen; your relationship to the law; a look at careers and goals; exploration of economics; tolerance; world religions; terrorism; current events, and US history 1950's to present.

Hollywood and History (ERVING)

Grade Level: 11 and 12 *Credit:* semester/0.5 credit *Course Description*: Students will gain a deeper understanding of American history by studying the manner in which our history has been depicted in various American films of the 20th Century. (U.S. History 1776-1974)

Hollywood and World History (ERVING)

Grade Level: 11 and 12 *Credit:* semester/0.5 credit *Course Description*: Who said you couldn't learn anything from movies? Hollywood and World History will deepen the students' understanding of history by using films from the last 50 years. Students will travel through time all over the world. Eras will range from ancient history through the modern day.

Wisconsin Native American History (ERVING)

Grade Level: 11, 12 *Credit:* semester/0.5

Course Description: This course will be an Introduction to Wisconsin Tribal people focusing on those contemporary issues regarding Wisconsin American Indians, placing them with their appropriate historical context. What gives this class its uniqueness is the ever-changing social and political landscape here in Wisconsin. To supplement the historical aspect of this class will be the Wisconsin Indian Nations continuing to adhere to their ancestral traditions and the commitment to the earth.

Psychology (ERVING)

Grade Level: 11, 12 *Credit:* semester/0.5

Course Description: This course enables students to gain knowledge of such topics as perception, motivation, emotion, memory and thought, the brain and behavior, conflict, stress, personality, abnormal behavior and experimentation. A psychology course can help students better understand themselves and others. Any student who plans on any type of post high school training should consider this course.

Sociology (ERVING)

Grade Level: 11, 12 *Credit:* semester/0.5

Course Description: Sociology is the study of human behavior and interaction with society. The course will include the following areas: personality growth and development, mental and emotional health, physical growth and learning, intelligence and thinking, behavior disorders and their effect on society. This course is for the average or above average student. Student evaluation: Exams - chapter, mid-semester, semester final; assignments; papers - four to six; classroom contribution; debate project.

Technology & Engineering Courses

Industrial Technology

<u>Drafting/AutoCAD</u> Grade Level: 9, 10, 11, 12; Class Limit 10 students Credit: 0.5 Prerequisite: None Course Description: This class is the study and app

Course Description: This class is the study and application of the use of two-dimensional computer graphic systems. Emphasis will be placed on the necessary commands to create, edit, plot, and save architectural drawings. This is a dual credit class and upon successful completion of the course, juniors **and seniors** that successfully passed this class can receive two credits from Northcentral Technical College. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Drafting/Revit:

Grade Level: 9, 10, 11, 12; Class Limit 10 students *Credit:* 0.5

Course Description: Interested in Architecture? This course will introduce the student to Building Information Modeling (BIM) by using Autodesk Revit. Revit is a computer modeling program that allows for intelligent, 3D and parametric object-based design. The course introduces the student to the program by the use of tutorials and exercises that start at a very basic level and proceeds over the semester to create a complete set of construction documents. Topics covered include the creation of the model, working drawings, photorealistic rendering, and animations. The BIM model will also be used to explore energy use and sustainability options by the use of other third party software. This is a dual credit class and upon successful completion of the course, juniors and seniors can receive two credits from Northcentral Technical College. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Drafting/Autodesk Inventor:

Grade Level: 9, 10, 11, 12; Class Limit 10 student *Credit:* 0.5 *Prerequisite:* None *Course Description:* Software is yet to be determined. This hands-on course covers the Autodesk Inventor or software capabilities used to create, inspect, and edit part and assembly models of moderate complexity and document those designs with drawing views. It instructs users in best practices for parametric design philosophy through a hands-on, practice-intensive curriculum. Users acquire the knowledge needed to complete the process of designing models from conceptual sketching, through to solid modeling, assembly design, and drawing production. <u>Some student projects maybe 3D printed</u>. This is a dual credit class and upon successful completion of the course, juniors and seniors can receive two credits from Northcentral Technical College. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Drafting/SketchUp8:

Grade Level: 9, 10, 11, 12; Class Limit 10 students *Credit*: 0.5

Course Description: Students will learn the basic tools that are used in the SketchUp program as well as to organize their drawings. This class provides training in using Trimble's SketchUp for Schools, which is a program that can be used to design and visualize a building before it is built. The class provides instruction in creating realistic computer models that can be used to create full color renderings and animations as well as importing and exporting to AutoCAD for construction drawings. **Some student projects maybe 3D printed.** This is a dual credit class and upon successful completion of the course, students that successfully passed this class can receive two credits from Northcentral Technical College. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Metals Technology:

Grade Level: 9, 10, 11, 12; Class Limit 10 students *Credit:* 0.5

Course Description: Students will learn how to use the tools, machines and processes in metal machining and fabrication. The student will learn basic metal working and develop attitudes and habits necessary for working safely and effectively in this environment. Students will also have the opportunity to explore and investigate career and occupational options.

Welding:

Grade Level: 10, 11, 12; Class Limit 10 students

Credit: 0.5

Course Description: This course highlights the similarities in equipment and technique between the major arc welding processes. Students complete introductory level competencies in the SMAW, GMAW, FCAW, and GTAW processes. Material preparation skills include shearing, sawing, grinding, and thermal cutting. This is a dual credit class and upon successful completion of the course, juniors and seniors can receive two credits from Northcentral Technical College. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Small Gasoline Engines:

Grade Level: 9, 10, 11, 12; Class Limit 10 students

Credit: 0.5

Course Description: This class is designed to provide students with practical information about small gasoline engine theory, construction, operation, lubrication, maintenance, troubleshooting, service, rebuilding, and repair. Students are encouraged to bring in a small engine that is in need of repair.

Woods I:

Grade Level: 9, 10, 11, 12; Class Limit 10 students *Credit:* 0.5

Course Description: Students will learn a basic level of skill and knowledge in the shop and tool safety while completing a class project (a night stand). Learning to understand working drawings, students will apply their learning on woodworking projects. They will demonstrate hand and machine tool skills, woodworking joinery, gluing and clamping, and finishing techniques while completing the class project. Students will also learn about careers in woodworking construction. Students are RESPONSIBLE for the cost of materials before they can take their projects home (approximately \$25.00).

Introductory Craft Skills:

Grade Level: 11, 12; Class Limit 10 students *Credit*: 1 credit

Prerequisite:

Course Description: Interested in Construction? This course is designed as the foundation for construction trade careers and is intended to prepare individuals for entry-level construction work. This course provides an introduction to basic safety, construction math, hand tools, power tools, blueprints, basic rigging, communication skills and basic employability skills. Following successful completion of the class, a National Center for Construction Education and Research certification and a certificate of completion will be awarded Which is valued by employers throughout the United States.

<u>Woods II</u>:

Grade Level: 10, 11, 12; Class Limit 10 students *Credit:* 1

Prerequisite: Completion of Woods I with a passing grade of "C" or higher.

Course Description: This course is for students interested in continuing their knowledge, understanding, and skills in woodworking. Woods II is an intermediate course intended to advance on the basic skills of Woods I. Additional machine use will be demonstrated as well as various gluing and fastening techniques. During the first quarter, students will be spending time learning CAD CAM Woods Technology, as it specifically applies to woodworking in industry. Students will be required to design, cut, and finish a sign for their CNC requirement. Each student is required to complete a minimum of two woodworking projects for the year. Students will also be responsible for graded lessons given throughout the year. One of these projects will be a required project by the instructor but it will be the student's design. Students are RESPONSIBLE for the cost of materials before they can take their projects home. This course may be available for college credit through Northcentral Technical College. Students must earn a grade of B or higher to receive the dual credit from the technical college. Students earning a passing grade less than a B will only receive the high school credit.

Intro to Welding with Welding Art:

Grade Level: 9, 10, 11, 12; Class Limit 8 students *Credit:* 0.5

Course Description: Students receive instruction, practice and gain experience with: oxy/acetylene welding and cutting. Wire-feed welding (MIG); Shielded metal arc welding (SMAW); Tungsten inert gas welding (TIG); and plasma metal cutting. Individualized projects are an important element of this course.

Introduction to Supermileage Vehicle Car:

Grade Level: 10, 11, 12; Class Limit 8 students

Credit: 1 credit

Prerequisite: Students having completed Metals or Welding or Drafting or Robotics with a passing semester grade of "C" or higher.

Course Description: This class is for first year students that are interested in Supermileage and Electrathon. Have you ever been interested in designing and building a racecar? How about driving one? Are you concerned with our nation's future energy supply and the impacts our energy use has on the environment? Then this class is for you. The main focus will be to design, build, modify, test and race a 1 gasoline or 1 Electrathon powered car. Activities in the class include drafting/design, marketing, fiscal responsibilities of the team, driving skills, mechanics, fabrication, welding, machining, road testing, research and design principals and other new technologies. Career connections include engineers, designers, electronics, electricians, automotive technicians, science related careers, mechanics, etc. Students may take this class more than one time. Students are responsible for the cost of the vehicle, travel (food and hotel), and entry fees. These costs can be offset by attainment of sponsorships.

Electrathon and Supermileage Vehicle:

Grade Level: 10, 11, 12; Class Limit 10 students *Credit:* 1 credit

Prerequisite: Completion of Metals I or Welding or Drafting or Robotics with a passing semester grade of "C" or higher. Have been a member of the SMV club in the past.

Course Description: Similar to SMV but built out of electric. Have you ever been interested in designing and building a racecar? How about driving one? Are you concerned with our nation's future energy supply and the impacts our energy use has on the environment? Then this class is for you. The main focus will be to design, build, modify, test and race an electric powered car called a Supermileage Vehicle. Activities in the class include drafting/design, advertising, fiscal responsibilities of the team, driving skills, mechanics, fabrication, welding, machining, road testing, research and design principals and other new technologies. Career connections include engineers, designers, electronics, electricians, automotive technicians, science related careers, mechanics, etc. Students may take this class more than one time. Students are responsible for the cost of the vehicle, travel (food and hotel), and entry fees. These costs can be offset by attainment of sponsorships.

World Languages Courses

<u>Spanish I</u>

Grade Level: 9,10, 11, 12 *Credit:* 1 credit

Course Description: Students will learn Spanish in its real-life context - giving students the skills to make friends, communicate, and to survive in the Spanish-speaking world. This course emphasizes the active involvement of the learner as they hear, speak, read, write, and experience the Spanish language and culture. We listen daily to translated bi-lingual Spanish music. Open to both college and non-college bound students

<u>Spanish II</u>

Grade Level: 9, 10, 11, 12 *Credit:* 1 credit *Prerequisite:* Spanish I & Minimum C grade in both semesters of Spanish I (Lesser grade makes it nearly impossible.)

Course Description: Second year Spanish continues and expands on the Spanish I program. Students will further develop language skills and cultural awareness in order to communicate effectively in Spanish. Course is based on a soap opera type movie, La Catrina, involving a foreign exchange student in Mexico. In addition there are readings in Spanish literature, poetry and Spanish newspaper articles, as well as translated bi-lingual Spanish music.

<u>Spanish III</u>

Grade Level: 10, 11, 12 *Credit:* 1 year; 1 credit *Prerequisite:* Spanish II

Course Description: This course may be independent study (depending on class size) involving a memorized speech of 350 words, verb study, reading the history of Mexico, (In Spanish) interactive computer study and literature including famous writers, Spanish newspaper articles as well as U-tube demonstrations. We daily listen to translated bi-lingual Spanish music. If it isn't independent study, we will also watch and study the soap opera type movie series; El Último Secreto,.

<u>Spanish IV</u>

Grade Level: 11, 12 Credit: 1 Prerequisite: Spanish III

Course Description: Independent study involves reading of Spanish literature; including famous writers, Spanish newspaper articles, verb study, interactive computer exercises, grammar exercises and listening to native speakers on CD, as well as daily music.

UWGB Spanish 202 (ERVING)

Grade Level: 12 Credit: 1 year; .75/3 UWGB Credits Prerequisite: 3 years of high school Spanish. Course Descriptions: Further development of the ability to understand, read, write and speak Spanish. Optional cost to the student is \$300 for 3 UWGB credits with the possibility of retroactive credits.