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**West De Pere High School
665 Grant Street
De Pere, WI 54115
(920) 338-5200**

Russel Gerke High School Principal Extension 4205 rgerke@wdpsd.com	Justinn Heraly Associate Principal Extension 4203 jheraly@wdpsd.com	Scott Eggart Assoc Principal/Activities Director Extension 8032 seggart@wdpsd.com	Brian Schumacher Dean of Students Extension 4288 bschumacher@wdpsd.com
Lisa Boyd Counselor Students with last names A thru G Extension 4210 lboyd@wdpsd.com	Rebecca Brecklin Counselor Students with last name H thru O Extension 4246 bbrecklin@wdpsd.com	Chad Federman Counselor Students with last names P thru Z Extension 4211 cfederman@wdpsd.com	

Non-Discrimination Statement

It is the policy of the West De Pere School District that no person may be denied admission to any public school in this district or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, co-curricular, pupil service, recreational, or other program or activity because of the person's age, sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap as required by S.118.13, Wisconsin Statutes. This policy also prohibits discrimination as defined by Title IX of the Education Amendments of 1972 (sex), Age Discrimination Act of 1975, Title IV of the Civil Rights Act of 1964 (race and national origin), and Section 504 (handicap) of the Rehabilitation Act of 1973. These are available from each school counselor.

The district encourages informal resolution of complaints. A formal complaint resolution procedure is available, however to address allegations of discrimination in the West De Pere School District; and can be obtained from any school facility office. Complaints of discrimination brought by a person of student-age see Policy 5117: Student Nondiscrimination. Complaints of discrimination brought by a person beyond student-age see Policy 4117: Staff Nondiscrimination.

Any questions concerning discrimination on the basis of disability, sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, gender identity, or sexual orientation should be directed to:

Amy Schuh, Director of Student Services
 West De Pere Public Schools
 400 Reid St. Suite W
 De Pere, WI 54115
 (920) 337-1393

Graduation Requirements

All students must take a minimum of 6.5 credits per year.

Minimum Credit Requirements

Language Arts	4.0 credits
Social Studies.....	3.0 credits
Mathematics.....	3.0 credits
Science	3.0 credits
Physical Education	1.5 credits
Health Education	0.5 credit
Total Credits Needed.....	26 credits

Course Withdrawal Policy

It is important that students carefully select their courses and review their schedule before school begins. Once students begin a course they are expected to remain in the course and complete it. Course withdrawals generally are only permitted before the trimester begins. Requests for dropping a course after the student has been in the course for **two** days will be considered on an individual basis will require the mutual consent of the teacher, counselor, parents and high school principal. Students who are granted a withdrawal from a class after the first **two** days of a course will be given an "F" which will be included on the student's permanent record.

Early Graduation Guidelines

- The student and parents/guardians must schedule a meeting with the high school counselor.
- The student must have 21 credits at the end of their junior year.
- The student must pass a minimum of 2.5 credits during both the first and second terms of their senior year.
- The student must meet all graduation credit requirements.

Advanced Placement Courses

Advanced Placement is a program of college-level courses and exams that gives high school students the opportunity to receive advanced placement and/or credit in college. The content of these college-level courses is determined by the College Board. Students who score well on the exams may be awarded college credit in most of the nation's colleges and universities. Many colleges also look favorably upon courses designated as AP since these courses represent more rigorous content than the standard high school curriculum. Most colleges and universities have an AP policy granting incoming students' credit, placement, or both for qualifying AP exams. Students are encouraged to investigate the AP policy of the college of their choice.

College Credit Courses

College credit courses are offered to students as dual credit courses in partnership with local colleges and universities. The content of these courses is determined by the offering institution and is college level material taught by master's level teachers at West De Pere High School. Credit fees are associated with each course, as determined by the college or system affiliate. Typically, course fees range from \$50-\$150 per college credit. With the exception of Bellin college courses, students may elect to take college credit courses for no college credit and therefore would not be assessed a fee. Final grade could impact credit outcome. The way in which credits are applied to specific degree programs is determined by the institution. Detailed information can be found in the course syllabus.

Advanced Standing Courses

These courses are taught by high school teachers using high school curriculum determined to be a close match to an NWTC course. A student must earn a "B" or better to receive advanced standing and be enrolled into a WTCS program and enrolled in coursework to claim the credit(s). Advanced standing courses may earn a student the opportunity to skip an introductory level course in their program and advance to the next level. Advanced Standing agreements are transferable to all schools within the Wisconsin Technical College System. **Advanced Standing agreements are seldom accepted outside the Wisconsin Technical College System.** West De Pere notes Advanced Standing courses with an "AS" behind the course title.

Transcribed Credit Courses

Transcribed credit courses allow students to earn credit at the high school and college levels. Students must earn a “C” or better for the transcribed course to become part of their official college record. Transcribed credit courses are transferable to other Wisconsin Technical Colleges and may transfer to four-year universities. West De Pere notes transcribed credit courses by the abbreviation of the technical college the course is associated with (NWTC or FVTC).

Grade Scale

9-12 High School Weighted Grades Guidelines

A weighted grading system is used in the high school. An additional 1.0 of grade points is added for a weighted course for grades of A through C-. Grades of D+ and below are given non-weighted course grade point equivalencies.

<u>Weighted Grades</u>	
A = 5.0	B- = 3.67
A- = 4.67	C+ = 3.33
B+ = 4.33	C = 3.0
B = 4.0	C- = 2.67

<u>Non-Weighted Grades</u>		
A = 4.0	B- = 2.67	D+ = 1.33
A- = 3.67	C+ = 2.33	D = 1.0
B+ = 3.33	C = 2.0	D- = 0.67
B = 3.0	C- = 1.67	

Weighted Courses

Weighted courses are designated with a **W** throughout the booklet.

AP Art and Design	Bellin General Chemistry
AP Computer Science A	Bellin Human Anatomy & Physiology I & II
AP Computer Science Principles	Bellin Medical Terminology & Student Success
AP or UWGB Macroeconomics	Bellin Health Communication
AP or UWGB Microeconomics	NWTC or UWGB Fundamentals of Drawing
AP Human Geography	NWTC or UWGB Parametric Modeling
AP Music Theory	UWGB Basic Manufacturing Processes
AP Physics I	UWGB French V
AP Physics II	UWGB Spanish V
AP or UWGB Psychology	UWGB Intro to Engineering
AP or UWGB Statistics	UWGB Fundamentals of Engineering
AP or UWGB US History	UWGB Precalculus
AP or World: Modern	SNC Calculus
	SNC English

Youth Apprenticeship Program

Youth Apprenticeships provide a unique opportunity for students to start preparing for a career while still in high school. **One or Two-year** Youth Apprenticeships combine education, occupational instruction, and work-based learning from a local employer. Students will be awarded a Youth Apprenticeship competency certificate by the Department of Workforce Development upon successful completion of the program curriculum as well as High School elective credit(s). Interested **Sophomores or Juniors** should contact the Youth Apprenticeship coordinator or their school counselor.

Four Year College and University Requirements and Recommendations

Students who plan to attend college should:

- Review the college and university entrance requirements.
- Consider the maximum rather than the minimum options available.
 - ◆ Seventeen academic units are required.
- As juniors or seniors, narrow choices to 3 to 5 institutions and follow the requirements for those schools.
- Take the ACT and achieve your best score (most colleges prefer a 20 or higher). All juniors take the state required ACT at West De Pere High School.
- Rank near the top 50% of their class.

The basic academic subjects provide the detailed knowledge and skills necessary for effective work in college. These subjects include language arts, science, mathematics, social studies, foreign language, and the arts.

Language Arts	4 credits	Foreign Language	2-4 credits
Mathematics (Math 1 and higher)	3-4 credits	Science	3-4 credits
Social Studies	3-4 credits	Additional Academic Credits	2 credits

FOR A MINIMUM OF: 17 ACADEMIC UNITS

Early College Credit Program/Start College Now

The Early College Credit/Start College Now Program was established to allow 11th and 12th grade pupils to enroll at an Institution of Higher Education (IHE) in Wisconsin and take courses that lead to credit granted toward high school graduation. A pupil who intends to enroll in IHE must adhere to the following time lines:

1. By February 1, for the summer semester, March 1, for the fall semester and by October 1, for the spring semester, notify the school counselor of the intention to attend IHE under the Early College Credit/Start College Now Program.
2. The student must rank in the upper 50% of their class.
3. Attendance requirement of no more than 3 days of excused or unexcused absences per trimester.
4. Students must provide their own transportation and maintain a minimum course load at West De Pere High School.
5. Districts are not required to pay for or grant credit for a post-secondary course if the district offers a comparable course with an approximately 80% match in course content.
6. Final approval will be granted following DPI guidelines. Any student denied participation in the program can request a copy of their appeal rights.
7. The student will be required to reimburse the school district for tuition and fees if the student drops or fails the course.

The High School Principal by May 15, for the fall semester and December 15 for the spring semester, will notify the pupil if the post-secondary course selected will be awarded high school credit and how much credit will be awarded. If you have any questions regarding the Early College Credit/Start College Now program, please contact Student Services (338-5208).

Please note that grades from courses taken through the above programs are not calculated into student's GPA or class rank.

Trades Career Academy

Trades Career Academy (TCA) is a collaborative program between the West De Pere and De Pere school districts. TCA is an alternative education program that selects junior and senior applicants who want to work and earn a wage in their chosen career field, while fulfilling their high school requirements through mostly online learning at an offsite location. They will complete the Department of Workforce Development's Youth Apprenticeship program. This program is designed for the student who is looking for something different from the traditional educational setting while creating partnerships with area businesses and providing strong candidates to fill area workforce/manufacturing needs. All jobs are in a trades related area.

Bellin Health Academy

Our Bellin Health Academy offers students two college classes (Nursing Assistant and Introduction to Healthcare) in one college semester. The Nursing Assistant (NA150) course is a State of Wisconsin approved nurse's aide training program which includes classes at the college and clinical at an area health facility. The Introduction to Healthcare (HC100) course provides students with 18 hours of job shadow experience in a variety of healthcare professions and educates students on the overall healthcare delivery system. Criteria that students need to meet to be considered for the college classes are:

- Junior or Senior status (seniors are given priority)
- GPA of 3.0 or higher
- Attendance - not more than 3 days absent per trimester
- Completed or concurrently enrolled in Chemistry
- Career goal related to the medical field
- Any disciplinary infractions may impede admission
- Transportation is to be provided by the student

Post High School Planning

Most occupations will require some form of schooling beyond high school. Whether your plans include additional education or employment, you should keep in mind the following factors which post high school admission personnel and employers generally depend upon:

- 1) Attendance and tardy records.
- 2) The quality of the student's course selection and completion.
- 3) The results of scholastic aptitude and achievement tests.
- 4) Activities, both in and out of school.
- 5) The personal recommendations of your principal, counselor and teachers.
- 6) High School scholastic record as reflected in terms of grade point average, class rank, and difficulty of program.

NCAA Eligibility

NCAA Core Course Requirements

4 English Courses (one per year) + 4 Math Courses (one per year)
4 Science Courses (one per year) + 4 Social Studies Courses (one per year)

16 Total NCAA Core Courses

Grade 10 <i>Register</i>	Grade 11 <i>Study</i>	Grade 12 <i>Graduate</i>
<ul style="list-style-type: none"> • Register for a Certification Account or Profile Page with the NCAA Eligibility Center at https://web3.ncaa.org/ecwr3/ 	<ul style="list-style-type: none"> • Take the ACT or SAT and make sure NCAA gets your scores by using code 9999. • At the end of the year, request your official transcript through Parchment. 	<ul style="list-style-type: none"> • Request your final amateurism certification after April 1. • After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

Course Fee Report 2023-2024

Many of the courses result in the use of consumable goods by students have a fee or participation cost that are collected at registration. The information is being provided at this time so that you are aware of the cost of participating in these courses.

<u>Agriscience</u>	
Agri Food Science	\$20.00
Conservation & Natural Resources	\$15.00
Horticulture & Landscaping	\$15.00
Large Animal Science	\$10.00
Small Animal Science	\$10.00
Vet Study	\$10.00
Wildlife & Forestry	\$15.00

<u>Art</u>	
AP Art and Design	\$50.00
Art 1	\$30.00
Ceramics & Sculpture 1	\$30.00
Ceramics 2	\$35.00
Ceramics 3	\$35.00
Drawing & Painting 1	\$30.00
Drawing 2	\$30.00
Drawing 3	\$30.00
Painting 2	\$35.00
Painting 3	\$35.00
Sculpture 2	\$35.00
Visual Design	\$20.00

<u>Business/Information Technology</u>	
NWTC Accounting I	\$44.00
Accounting II	\$44.00
Mobile Apps Design & Development	\$15.00
Sports & Entertainment Marketing	\$9.00
Video Editing	\$7.00
Visual Media	\$7.00

<u>Family and Consumer Education</u>	
Introduction to Culinary Arts	\$45.00
Baking and Pastry Arts	\$45.00
Baking and Pastry Arts 2	\$45.00
Culinary Arts 1	\$45.00
FVTC Culinary Arts 2	\$50.00
FVTC Nutrition & Healthy Cooking	\$45.00
Bellin Medical Terminology	\$320.00
Bellin Student Success	\$115.00
Bellin Health Communication	\$345.00

<u>Foreign Language</u>	
UWGB French V	\$315.00
UWGB Spanish V	\$318.00

<u>Language Arts</u>	
SNC English	\$400.00

<u>Math</u>	
SNC Calculus	\$200.00
UWGB PreCalculus	\$420.00
UWGB Statistics	\$420.00

<u>Music</u>	
Band (Trimester 1)	\$50.00
Instrument Rental Fee	\$25.00

<u>Physical Education</u>	
Adventure PE	\$40.00
Individual Wellness	\$35.00
Performance Training	\$15.00
Senior PE	\$35.00

<u>Science</u>	
Bellin Human Anatomy & Physiology I	\$520.00
Bellin Human Anatomy & Physiology II	\$460.00
Bellin General Chemistry	\$460.00
Forensic Science	\$25.00

<u>Social Studies</u>	
AP Macroeconomics	\$20.00
AP Microeconomics	\$20.00
AP Human Geography	\$25.00
AP US History	\$25.00
AP World History: Modern	\$25.00
UWGB Macroeconomics	\$335.00
UWGB Microeconomics	\$335.00
UWGB US History	\$655.00
UWGB Psychology	\$315.00

<u>Technology Education</u>	
Basic Manufacturing Processes	\$15.00
Car Care	\$15.00
Engineering Capstone	\$5.00+
Fundamentals of Engineering	\$20.00
Intro to Engineering	\$15.00
Intro to Robotics	\$10.00
Machine Shop I	\$20.00
Machine Shop II	\$20.00
NWTC Fundamentals of Drawing	\$15.00
NWTC Intro to CNC	\$20.00
NWTC Parametric Modeling	\$15.00
NWTC Parametric Modeling 2	\$15.00
NWTC Welding	\$20.00
Outdoor Power Equipment	\$15.00
Power Sports	\$20.00
Residential Design and Construction	\$15.00
Technical Graphics	\$20.00
UWGB Basic Manufacturing Processes	\$330.00
UWGB Fundamentals of Engineering	\$335.00
UWGB Introduction to Engineering	\$225.00
UWGB Parametric Modeling	\$225.00
UWGB Fundamentals of Drawing	\$330.00
W.O.R.X.	\$20.00
Woodworking Block 1	\$25.00
Woodworking Block 2	\$40.00
Woodworking Block 3 & 4	\$5+ project

Agriscience

Wildlife & Forestry 8142 & 81422
Grades 9-12
Course Fee: \$15.00

Credit: 1

This two trimester class is a must for students who love nature. Units of study will include wildlife habitats, ecosystems, management practices, identification and tracking, and endangered species. You will then discover the exciting world some of our wildlife lives in – the forest. Specific topics in forestry include tree ID, forest products, growth, measuring, and management practices. Different types of outdoor recreation will also be explored; including hunting, fishing, recreational trips, and National Parks. Students will study fish anatomy and physiology during the fisheries unit and have the opportunity to taxidermy their own fish. Students will participate in hands-on problem solving components of the class through labs and caring for the fish in our aquaponics system. Field trips, professional guest speakers and labs will supplement classroom instruction. Careers in the fields of forestry and wildlife management will be explored. Membership in the FFA is encouraged. The student's Supervised Agricultural Experience program will be developed.

Vet Study 8144
Grades 11-12
Course Fee: \$10.00

Credit: ½
Prerequisite: Small Animal and Large Animal Science

This course has been designed as hands on experience for students interested in careers in the fields of veterinarian medicine or the human medical fields. Units will be explored in veterinary sciences with the emphasis being on small domesticated pets as well as large domesticated animals. Students will learn how to take an animal's vital signs, evaluate symptoms, the technique of suturing, giving shots and other medical techniques. Students will participate in labs to better understand the animal body and other aspects of veterinary science. Field trips, professional guest speakers, viewing of actual surgeries, and computer programs will supplement classroom instruction. Membership in the FFA is encouraged. The student's Supervised Agricultural Experience program will be developed.
****SPECIAL NOTE: This course is an Approved Science Credit Course**

Horticulture and Landscaping 8146 & 81462
Grades 10-12
Course Fee: \$15.00

Credit: 1

Horticulture/Landscaping is a course in the greenhouse production of plants, floral design, the horticultural industry and the care of landscape plants. This course includes the growing of poinsettias, house plants, bulb flowers, and bedding plants while working in a controlled greenhouse environment. Students will study plant anatomy, physiology, propagation, growing media, nutrients, fertilizers, integrated pest management, landscape maintenance, floral design, transplanting and much more. Students will design, plant and manage different landscaped areas around the school and community. Students will be using the scientific theory method and scientific concepts of all living things while producing greenhouse crops and evaluating plant progress. This scientific information will then be applied to adjust growing practices. Research projects conducted in the greenhouse will be eligible to be entered into the Agri-Science Fair. Membership in the FFA is encouraged. The student's Supervised Agricultural Experience program will be developed.

****SPECIAL NOTE: This course is an Approved Science Credit Course**

Small Animal Science 8147
Grades 9-12
Course Fee: \$10.00

Credit: ½

This is by far the most popular course in the West De Pere Agriscience Program. Careers in the small animal field will be explored. The emphasis will be on domesticated animals used mainly as pets, such as dogs, cats, rabbits, and exotics. Units in history, nutrition, rights and welfare, safety, diseases, companionship, and specific information on various small animal species will be covered. Students will develop their problem-solving skills as they care for animals in the small animal lab and explore concepts such as handling techniques, physical exams, and animal housing. Field trips, labs, and professional guest speakers will supplement the classroom instruction. Membership in the FFA is encouraged. The student's Supervised Agricultural Experience program will be developed.

Agriscience

Large Animal Science 8148
Grades 10-12
Course Fee: \$10.00

Credit: ½

This interesting and exciting course offers the student the opportunity to understand where their animal based products come from and what it takes to raise these large domesticated animals. The animals studied include cattle, sheep, swine, goats, horses, and poultry. Units studied will include careers dealing with large animals, anatomy and physiology, genetics and reproduction, rights vs welfare, and nutritional needs of large animals. Other topics will include diseases, parasitism, artificial insemination and useful techniques when raising large animals. Guest speakers and field trips will supplement classroom instruction. Membership in the FFA is encouraged. The student's Supervised Agricultural Experience program will be developed.

Conservation and Natural Resources 8149 & 81492
Grades 10-12
Course Fee: \$15.00

Credit: 1
Prerequisite: Wildlife & Forestry

If you are interested in "what can I do to make a difference in my environment" or in career fields dealing with conservation and natural resources, this course is for you. Units that will be included are evaluating wildlife habitats, wildlife management, game bird management, fish management, importance of soils, how to evaluate soil, water quality, and the value of recycling, land use planning, and environmental science. Students will evaluate soils and water using the scientific theory method. Problem solving skills will be developed through hands-on activities and labs. Membership in the FFA is encouraged. The student's Supervised Agricultural Experience program will be developed.

Agri Food Science 8152
Grades 11-12
Course Fee: \$20.00

Credit: ½

This course is designed for the student who enjoys food and science. The key concepts related to the science of food: chemical and physical properties of foods, food processing / preservation techniques and food safety will be explored. There will be numerous labs to explore these key concepts. Students will have the opportunity to make yogurt, butter, cheese, and ice cream as part of their lab activities. Careers in the Food Science industry as well as many of the key concepts will be explored through a number of business and industry guest speakers and field trips. These experiences will give students an opportunity to explore the relationships among science, food and nutrition. Students will be encouraged to continue developing their world of work skills through their SAE and their leadership skills through the FFA. ****SPECIAL NOTE: This course is an Approved Science Credit Course.**

Art

Art 1 2141
Grades 9-12
Course Fee: \$30.00

Credit: ½

In Art 1 students will develop a better understanding of the elements and principles of art and design and use them in creating various 2D artworks. Along with creating art, students will study art history, learn about different art styles, and experiment with various mediums to develop original works of art. Basic techniques and strategies will be taught throughout the class to prepare students for future, higher level art classes.

Art 1 2148 & 21482
Grades 9-12
Course Fee: \$30.00

Credit: ½

Students registering for just a band course or just a choir course during trimesters 2 & 3 will have the option of taking Art (contingent on enrollment) which will meet during the same hour as the music ensemble on an every-other-day basis.

Drawing and Painting 1 2201
Grades 9-12
Course Fee: \$30.00

Credit: ½
Prerequisite: Art 1

Do you want to improve on your drawing and painting skills? Drawing and Painting 1 picks up where Art 1 left off. This class teaches you more advanced skills and techniques including composition, perspective and shading while experimenting with different mediums such as pencil, pen, colored pencil and mixed media. Once new drawing skills are developed, students will produce beautiful paintings using watercolor and acrylic paints.

Drawing 2 2202
Grades 9-12
Course Fee: \$30.00

Credit: ½
Prerequisite: Drawing and Painting 1

Drawing 2 is an extension of Drawing & Painting 1. Drawing skills are further developed and expanded upon, but the conceptual component of the drawing process is where the emphasis is placed in this course. Students will learn various approaches to brainstorming and creative problem solving. How artists get their ideas, formulate their artistic game plan and execute the final drawing will be analyzed and modeled after.

Drawing 3 2208
Grades 10-12
Course Fee: \$30.00

Credit: ½
Prerequisite: Drawing 2

Drawing 3 is a course intended for serious art students who want to further develop their technical drawing skills and understanding of art. This class will explore and reinforce the most important aspects of drawing, developing student voice and creating a portfolio or body of work that can be used to help students moving toward AP Art & Design class.

Painting 2 2203
Grades 9-12
Course Fee: \$35.00

Credit: ½
Prerequisite: Drawing and Painting 1

In Painting 2 class students' skills are refined and further developed. Students will learn various approaches to brainstorming and creative problem solving. How artists get their ideas, formulate their artistic game plan and achieve quality in-depth paintings will be analyzed and modeled after.

Art

Painting 3 **2204**
Grades 10-12
Course Fee: \$35.00

Credit: ½
Prerequisite: Painting 2

Painting 3 is a course intended for serious art students who want to further develop their painting skills and understanding of art. This class will explore and reinforce the most important aspects of painting, developing student voice and creating a portfolio or body of work that can be used to help students moving toward AP Art & Design class.

Ceramics and Sculpture 1 **2205**
Grades: 9-12
Course Fee: \$30.00

Credit: ½

Ceramics and Sculpture 1 is the introductory 3D design class. Ceramic artwork lasts a lifetime and makes a great gift! Students will learn about clay and its properties, history and uses. Students will practice the basic techniques of hand building, wheel throwing, decoration glazing and kiln firing. Functional and sculptural methods will be our basis for exploration and discovery in this exciting and rewarding class.

Ceramics 2 **2206**
Grades: 9-12
Course Fee: \$35.00

Credit: ½
Prerequisite: Ceramics and Sculpture 1

Ceramics 2 is an in-depth study of functional and sculptural ceramics. Students will continue to hone their skills and strengthen their technique in hand building, wheel throwing, decoration, glazing and kiln firing. Production is the key to making high quality ceramics. Students will have the time and materials in this trimester long course to create high quality stoneware ceramics.

Ceramics 3 **2209**
Grades: 10-12
Course Fee: \$35.00

Credit: ½
Prerequisite: Ceramics 2

Ceramics 3 is a course intended for serious art students who want to further develop their ceramics and sculpture 3-D art skills and understanding of art. This class will explore and reinforce the most important aspects of ceramics and sculpture, developing student voice and creating a portfolio or body of work that can be used to help students moving toward AP Art & Design class.

Sculpture 2 **2207**
Grades: 9-12
Course Fee: \$35.00

Credit: ½
Prerequisite: Ceramics and Sculpture


Sculpture 2 is an in-depth study of contemporary sculpture. Students will continue to explore materials other than ceramics and strengthen their understanding of three-dimensional art. Conceptual development, creative problem solving and material choice is where the emphasis is placed for this course. How artists get their ideas, formulate their artistic game plan and achieve quality in-depth sculpture will be analyzed and modeled after.

Art

Visual Design 2211
Grades 9-12
Course Fee: \$20.00

Credit: ½

Visual Design is a class where students will learn all about quality design, packaging, and typography. Students will create artwork on paper as well as on the computer. A brief introduction to Adobe Illustrator and Adobe Photoshop will help aid students in the design projects. This class provides an excellent introduction to the principles of design and visual language as well as teaches strategies for idea generation and development.

Advanced Placement Art & Design  2210 & 22102
Grades 11-12
Course Fee: \$50.00 +
additional fee for AP Exam (optional)

Credit: 1

Prerequisite: Any 3 Art Classes and Instructor Approval

AP Art and Design 2D or 3D is a two trimester course where students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication and reflection while creating a portfolio of work to submit digitally for an AP score; passing scores count as college credits. Students must have taken at least one level 2/3 art class before taking this course.

In order to be successful in this course students must have a high level of motivation and a solid work ethic. Speaking in front of classmates is required during critiques.

Business/Information Technology

NWTC Accounting I 8401 & 84012
Grades 10-12
Course Fee: \$44.00



Credit: 1

Are you planning to own your own business someday or major in business in college? This is the course to take to give you an edge! Accounting, the "language of business," will show students how to set up and keep accurate records for a service and merchandising business using the accounting cycle. The course is divided into short, easy-to-understand units, which enable students to learn accounting concepts with ease. Students will work cooperatively and individually to apply and reinforce the basic accounting concepts. Emphasis in this course includes: journalizing, posting, and preparing financial statements. In addition, payroll systems, checking accounts, sales tax, debts, depreciation, inventory, cash controls, business ethics, personal income taxes, and credit cards will be presented. Simulations will be done during the course to provide a realistic case for integrating the learned principles and concepts. With the heavy use of technology in the profession today, students will be using a similar, web-based, version. Transcribed credit through NWTC.

Accounting II 8452
Grades 11-12
Course Fee: \$44.00

Credit: ½
Prerequisite: C or better in Accounting I

Continuing from Accounting 1, this course provides an understanding of how computers and accounting software help manage, store, calculate, post, retrieve, analyze and print accounting information. Concepts and general principles are integrated with practical applications in the complete accounting cycle with respect to a sole proprietorship, service or merchandising business. Some of the topics emphasized are: journalizing, posting, accounting statements, adjusting and closing entries, accruals, depreciation, payrolls, inventories, receivables, and payables.

NWTC Computer Applications 8435
Grades 9-12



Credit: ½

This course is a must for all students since we live in a technology driven society. Students will learn the basics of Microsoft Office 2010. Applications covered will include word processing, spreadsheet, and presentations. These skills are essential for education and career success. Transcribed credit through NWTC.

NWTC Computer Applications 8437 & 84372

Credit: ½

Students registering for just a band course or just a choir course during trimesters 2 & 3 will have the option of taking a Computer Application course (contingent on enrollment) which will meet during the same hour as the music ensemble on an every-other-day basis.

NWTC Computer Applications II 8436
Grades 9-12

Credit: ½
Prerequisite: Computer Applications

This course goes beyond the fundamentals of Microsoft Office to offer real-world tasks that bring learning and applying computer skills to life. Students will discover the underlying functionality of Office by using a project-based approach for creating and enhancing documents, presentations, and worksheets. Complete your training of Microsoft Office 2010 software. College-level courses as well as employers require competence in this software. All students planning to major in business in college should complete this course. A smart idea is to learn it now! Transcribed credit through NWTC.



Business/Information Technology

Introduction to Business Grades 9-12

8456

Credit: ½

This course will assist students in developing a better understanding and preparation for their roles as future business and community leaders. Students will be actively engaged in activities and projects to develop a basic understanding of economics, business ownership and management, marketing, banking, savings and investments, consumer rights and responsibilities, human resources, job seeking and leadership skills, social responsibilities of businesses, and the importance of ethical decision-making in their personal and business world. Students will also be introduced to a variety of career options available to them.

Introduction to Marketing Grades 9-12

8491

Credit: ½

This course provides not only the information on how advertising impacts consumers, but also how to create an effective advertisement through the use of technology. Students will experience different advertising methods to reach target audiences including: newspaper, radio, TV, Internet, direct mail, outdoor & special promotion events. Specific skills will help students to create, produce, and effectively evaluate different advertising & promotional strategies. Students develop knowledge and skills for marketing and advertising related careers.

Business Law and Ethics Grades 10-12

8486

Credit: ½

Students who enjoy learning about courts, how the legal system works, business, criminal, civil, and family law, law related careers, ethics, and personal rights and responsibilities of minors and adults will benefit from this class. Students will participate in a variety of interactive and practical activities, such as in class mock trials, skits, case studies, and internet activities as part of the process of learning how law impacts society and business. Guest speakers are invited to share real world situations as well as a trip to the Brown County Court House and Jail. An excellent course for a student considering pursuing a career in business, police science, criminal justice, political science, lawyer, social work, or psychology.

Video Editing Grades 9-12 Course Fee: \$7.00

8450

Credit: ½

Are you interested in learning how to create a story using video as your tool for production? The goal of the course is to familiarize students not only with the processes associated with using the Adobe Premiere CS6 software, but also to develop students' writing, planning, and thinking skills. Tools of multimedia are introduced through projects in many different formats: documentaries, news reports/broadcast, advertisements, informational, or entertainment. This class requires that each student demonstrate interpersonal teamwork and leadership skills in their various projects.

Entrepreneurship Grades 10-12

8487

Credit: ½

Would you like to be your own boss someday? Would you like to have your ideas heard and put into action? Then this course is for you. You will develop your personal leadership skills and creative thinking abilities by participating in activities that will teach you how to be a successful entrepreneur and manager while learning about the functions and principles of businesses and entrepreneurship. A simulation on starting your own business will include a business plan created by you while using computer/technology applications. Your creation of this plan will provide an understanding on types of business ownership, how to start your own business, finance, risk management, human resources, marketing, location, channels of distribution, and social and ethical responsibilities in business. This is an excellent course for anyone who plans to study business further at the college level.

Business/Information Technology

Sports and Entertainment Marketing
Grades 9-12
Course Fee: \$9.00

8489

Credit: ½

Sports and Entertainment Marketing is a unique and innovative course designed for students with an interest in the sports and entertainment industry. Sports marketing will include the development of a fantasy team, in which you will implement the marketing strategies for the franchise, including: team marketing (name, logo, and color scheme), stadium design, elements of promotion and advertising for the team, and pricing of sporting events. Entertainment marketing will include an in-depth look into the marketing of music and movie industries. If you are interested in sports and entertainment or want to tap into your creative side, this is the class for you!

Visual Media **8455**
Grades 9-12
Course Fee: \$7.00

Credit: ½

Adobe Creative Suite is the undisputed king of graphic development in business and marketing worldwide. It is the standard used by everyone in almost every field that requires digital graphics. In this class, students will learn the essential design skills how they are incorporated in business and marketing while making fun projects they can print and take home. Students will use Adobe Photoshop, InDesign to apply design techniques to an advertising campaign, lettering and typography, analyzing logos, and use color for advertising. Projects such as magazine designs, advertisements, posters, billboards, and more will be developed. Students will work independently as well as collaboratively on tasks.

Personal Finance **8405**
Grades 10-12

Credit: ½

Personal Finance is a practical course that focuses on everyday money situations, helping the student to develop a life-long understanding of his/her financial future. Topics will include goal setting, financial planning, saving options, checking accounts, choosing investments, paychecks, credit card use, insurance decisions, housing, and purchasing decisions. Students prepare their resumes, references, job applications and polish up their job interview skills. These basic independent living skills and buying decisions provide a solid foundation for post high school life.

Mobile App Design and Development
Grades 10-12
Course Fee: \$15.00

8488

Credit: ½

This project - based course will engage students as they learn to produce mobile applications used in Smart Phones, Tablets, and other personal electronics. The students will use software to design, illustrate, and edit graphics that will be used in the production of effective and practical mobile applications. Students will be engaged in one of the hottest trends in business as they design and develop their own mobile applications.

Family and Consumer Education

Introduction to Culinary Arts
Grades 9-11
Course Fee: \$45.00

8241

Credit: ½

All you need to know about the basics of food preparation will be covered in this culinary class. Through hands-on lab experiences, you will learn the fundamentals of cooking and baking including: kitchen safety & sanitation, equipment usage, measurement techniques, food preparation terminology, recipe reading, and the importance of making good nutritional choices. This course will help you feel more comfortable in the kitchen and improve your overall knowledge of food preparation.

Culinary Arts 1
Grades 10-12
Course Fee: \$45.00

8270

Credit: ½
Prerequisite: C or better in Intro to Culinary Arts

Are you interested in making homemade pasta, soups, and risotto? Here is your chance. This course is for students interested in learning additional skills and techniques in the culinary arts area and builds on the knowledge, preparation skills and techniques learned in Intro to Culinary Arts. Learn about the preparation of appetizers, meat, poultry and grains through many hands-on lab experiences.

Baking and Pastry Arts
Grades: 10-12
Course Fee: \$45.00

8274

Credit ½
Prerequisite: C or better in Intro to Culinary Arts

Cookies, cakes and cinnamon rolls. Need we say more? This course is designed to educate students in the art of baking and pastry. Through hands-on labs, students will explore the “how” and “why” of baking while preparing a wide array of baked goods, pastries, and confections. We’ll also explore bakeshop equipment and professional careers in baking and pastry arts.

FVTC Culinary Arts 2
Grades 11-12
Course Fee: \$50.00

8275



Credit: ½
Prerequisite: B or better in Culinary Arts 1

Are you interested in becoming a chef or working in the food service industry? This class provides you with a working knowledge of the food service industry. It prepares students for an understanding of how the food service industry operates and the diversity of careers available. Students learn professional culinary and cooking skills through classroom instruction, hands-on kitchen lab experiences and having guest speakers come into the classroom. Transcribed credit through FVTC.

Baking and Pastry Arts 2
Grades: 11-12
Course Fee: \$45.00

8278

Credit ½
Prerequisite: B or better in Baking and Pastry Arts

In this advanced baking course, we take on more challenging types of baking and explore the science behind it. Through many lab experiences, you will master techniques in pâte à choux, candy making, piping, plating, chocolate, specialty desserts, and pies, all while exploring baking career options.

FVTC Nutrition and Healthy Cooking
Grades 11-12
Course Fee: \$45.00

8271



Credit ½

Calling all high school students and athletes with a passion for nutrition, dietetics, and sports performance! If you're interested in gaining practical knowledge and hands-on experience in the world of healthy eating, then this class is perfect for you. In this course, you'll get to participate in food labs, explore different career paths, and learn from knowledgeable guest speakers. We'll cover everything from the importance of basic nutrients to managing weight, improving sports performance, and understanding nutrition across the lifespan. If you're serious about delving into the fascinating world of nutrition, then get ready to dive into research, learn, and expand your knowledge in all aspects of nutrition. Plus, by successfully completing this course, you'll earn transcribed credit through FVTC.

Family and Consumer Education

Healthcare Careers AS
Grades 9-12

8253



Credit: ½

In this course we will explore the many employment possibilities in the healthcare field. Basic medical information will be covered and students will gain a better understanding of educational and employment opportunities available. Through many guest speakers, students will learn about the variety of careers in healthcare from nursing to dentistry and pediatrics to social work. Students will also have opportunities for job shadows, field trips and lab experiences.
*Advanced Standing through NWTC

Nursing Assistant (NA150) and Introduction to Healthcare (HC100)
Grades 11-12

Credit: 1½

Two courses offered at Bellin College for students interested in the health field. The courses are taken in one college semester. Nursing Assistant is a State-of-Wisconsin approved nurse's aide training program which includes classes at the college and clinicals at an area health facility. For certification of Nursing Assistant, a student will be required to complete off-site lab work and clinical experiences outside of the regular school day; it will include some weekends. The Introduction to Healthcare course provides students with 18 hours of job shadow experience in a variety of healthcare professions and educates students on the overall healthcare delivery system. Students must go through a rigorous selection process.

Space is limited.



Relationships
Grades 10-12

8280

Credit: ½

Our lives are built and supported by different relationships with friends, family, peers, coworkers, and even strangers. Knowing how to establish positive and healthy relationships will be our focus in this course and will allow students to apply the concepts to their lives now and in the future. We will present techniques to help develop basic life skills while exploring topics such as communication, conflict resolution, social norms, professional relationships, dating, engagement, marriage, and parenting. This course is highly recommended for all students, but especially for those considering a career working with others.

Child Development
Grades 9-12

8279

Credit: ½

If you enjoy interacting with children or plan to work with them someday, then this course is for you! In addition to learning about the stages and areas of child development, we will explore influences on development, guidance strategies and the education of children. Students will have opportunities to prepare activities for young children. This class is essential for students planning to be a parent, educator, child care provider, pediatric nurse or any career working with children.

Bellin Medical Terminology
Grades 10-12



8402



Credit: ½

Course Fee: \$230.00 + \$90.00 for course materials (2 college credits)

Students planning to work in a health-related career need a strong foundation in the language of medicine. This course focuses on building knowledge of basic medical vocabulary and developing a comprehension of medical terminology related to each system of the body. We will cover accurate spelling and pronunciation of terms, prefixes, suffixes, roots, and combining word forms. This course is a college credit course through Bellin College and is essential for any student interested in working in healthcare. This course runs every other year.

Bellin Student Success
Grades 10-12



84022



Credit: ½

Course Fee: \$115.00 (1 college credit)

This course is designed to help students learn and improve skills and strategies that are essential to academic success. Topics may include professionalism, time management, study skills, note-taking, test-taking strategies, stress management, reading strategies, and paper writing, among other. **This course must be taken in conjunction with Bellin Medical Terminology.** This course will run every other year.

Family and Consumer Education

Human Services
Grades 10-12

8259

Credit ½

Considering a career that relates to families and human needs, such as counseling and mental health services, family and community services, personal care, or early childhood? Throughout this class we will explore careers related to working with others through guest speakers, job shadows, and service work. We will focus on developing skills such as communication, decision-making, problem solving, conflict resolution, collaboration, and leadership that will help not only in the workforce, but also in your personal relationships.

Bellin Health Communication
Grades 10-12



8266



Credit ½

Course Fee: \$345.00 (3 college credits)

Communication is necessary in all aspects of life, but especially in healthcare as professionals have to regularly communicate with patients, family members and colleagues. In this course, students gain practical experience with communication in healthcare in a variety of contexts. We will also explore current issues, theory, and research surrounding health communication, and focus on a variety of topics, such as perceptions of health, provider-patient relationships, health organizations, health campaigns, intercultural issues, and the use of new communication technologies in healthcare. This course is a college credit course through Bellin College and is essential for any student interested in working in healthcare. This course runs every other year.

Foreign Language

After earning a B or better in French V, students can earn 14 credits from UWGB.

French I **3140 & 31402**
Grades 9-12

Credit: 1

Discover the language, culture and lifestyle of the French-speaking world. French I is an introductory course to the cultures and language of French-speaking countries. This class is designed for students with no previous training in the language or for students who wish to restudy level 1. In your study of French you will learn to communicate with other students about daily life, sports, your interests and other activities.

French II **3141 & 31412**
Grades 9-12

Credit: 1
Prerequisite: French I

Continue your discovery of the French speaking world. French II is for students who have successfully completed French I or its equivalent. Building on the communication skills you gained in the first year, your second year will be spent expanding your vocabulary, language skills, understanding of the cultures, customs, and lifestyles of the French speaking world. Your speaking, reading, listening, and writing skills will all be developed in French II.

French III **3143 & 31432**
Grades 10-12

Credit: 1
Prerequisite: French II

During your third year of French you will build on your first two years with the goal of using more complex sentence structures and new verb tenses to further express yourself in French. You will progress in all four facets of language acquisition: listening, speaking, reading and writing, through your studies of holidays and celebrations, daily routine, health and wellness and description and narration in the past.

French IV **3146 & 31462**
Grade 11-12

Credit: 1
Prerequisite: French III

UWGB French V  **3147 & 31472**
Grade 12
Course Fee: \$315.00 (3 college credits)



Credit: 1
Prerequisite: French IV

French V may be taken for College Credit – **cost of this course may change with State of Wisconsin Legislative action. Parents are required to pay. Upon completion of courses with a B or better, students can earn an additional 11 credits for a total of 14 college credits.

Group discussions and activities cover a wide range of cultural insights, current and historical events, art and grammatical review and development. In addition, you will study literary works and films in the French language which present insights into the language and cultures of the francophone world. Communication skills are stressed, with the majority of the class instruction and activities in the target language, in preparation for college and future careers.

Students can register for French IV & V for two consecutive years. In this two-year rotating curriculum French IV & French V offer students a continuation of French language skills – listening, speaking, reading and writing.

Listening and Speaking: Students will develop strong listening skills to interpret concepts, ideas and opinions expressed. In addition, students will use the target language to exchange ideas and information.

Reading: Reading skills will also be developed to interpret concepts, ideas, and opinions expressed through French media and literature.

Writing: Students will develop strong writing skills to communicate thoughts, concepts and opinions effectively on a variety of topics.

Language Arts

Because good literature focuses on human conflict, sensitive issues may be included in these courses. As directed by the Wisconsin Standards for English Language Arts, “through reading great classic and contemporary works of literature representative of a variety of periods, cultures, and worldviews, students can meaningfully inhabit worlds and have experiences much different from their own” (Wisconsin DPI, 2021).

English 9 **1340 & 13402**
Grade 9

Credit: 1

The first term of this course emphasizes language, grammar, and writing skills as well as the study of various texts dealing with issues of individual identity. Students will read a balance of contemporary and classic literature as well as various non-fiction selections. The second term continues to stress language and writing through the study of non-fiction, short stories, and a Shakespearean drama. The course is structured to improve researching and literary analysis skills. Independent reading is also an important component of this class.

English 9 Honors **1347 & 13472**
Grade 9

Credit: 1

Students with historically strong reading, written, and verbal English skills who are self-motivated and looking to prepare for college credit courses should register for Honors English 9. The content will be the same as English 9, but course pacing and expectations may be adjusted to include enrichment work and allow for higher-order writing and discussion skills.

English 10 **1341 & 13412**
Grade 10

Credit: 1

The first term of this class emphasizes making thematic connections between literary texts such as novels, short stories, and poetry. Students will read a variety of literary pieces and connect concepts to current social issues and nonfiction texts. Additionally, students will prepare a formal presentation, focusing on text connections, speech organization, and presentation delivery techniques. The second term of this class focuses on literary analysis of fictional characters who are drawn as representations of a larger humanity. Students will study two classic pieces of literature and analyze each while making historical and current connections to society. Students will also be introduced to the concept of literary lenses as a tool for analysis.

English 10 Honors **1348 & 13482**
Grade 10

Credit: 1

Students with historically strong reading, written, and verbal English skills who are looking to prepare for college credit courses should register for Honors English 10. Additionally, if students found success in Honors English 9, they should continue on this path. The content will be the same as English 10, but course pacing and expectations may be adjusted to include enrichment work and allow for higher-order writing and discussion skills.

English 11 **1346 & 13462**
Grade 11

Credit: 1

The first half of English 11 will explore multiple cultures and the literature that helped shape and reflects them. Although the central focus will be on universal traits and behaviors of human nature, an appreciation for the unique cultural traits and behaviors will be explored as well. The second half of English 11 focuses on major themes of the American experience. The course explores the complexity of the American identity. The thematic focus for both courses is studied through modern novels, short stories, plays, poetry, non-fiction, and film.

Language Arts

Honors American Literature Grade 11

1640

Credit: ½

A college-prep course, Honors American Literature is a one trimester survey of American literature from the period of exploration and settlement to the modern era. Students will study challenging works of prose, poetry, drama, and fiction from a diverse group of authors in relation to their historical and cultural context. Students discuss what these works reflect and reveal about the evolving American experience, and written literary analysis follows each major work. Honors English is a prerequisite for College Credit English.

A 3.0 G.P.A. is recommended.

Because of course alignment and meeting state standards, students in Honors American Literature must also complete Honors British Literature.

Honors British Literature Grade 11

1641

Credit: ½

The British Literature course entails college prep reading and writing. The literary works chosen cover some of the greatest British masterpieces. Critical literary interpretations follow each major piece of literature. The mechanics, style, and form of these essays is taught and developed. Because of this, Honors English is a prerequisite for College Credit English.

A 3.0 G.P.A. is recommended.

Because of course alignment and meeting state standards, students in Honors British Literature must also complete Honors American Literature.

Interpersonal Communication AS Grade 12

1740

Credit: ½

Interpersonal Communication is a course designed to improve verbal and non-verbal communication techniques, logical thinking, and organizational and writing skills. Students will recognize the advantages of strong interpersonal skills in a social and professional environment. Students will gain poise and confidence in a group setting by writing, presenting, and evaluating written and oral presentations. This course has Advance Standing with NWTC for students who earn a B (80%) or higher in the class.



Contemporary Literature Grade 12

1642

Credit: ½

Students in this course read, analyze, discuss, and write about fiction published in the latter half of the twentieth century. The material is presented through novels, films and modern mediums such as podcasts. Students will make connections between the modern world and how and/or why authors relate world events to reader's lives. Through the analysis of both literature and film, students will also understand and distinguish between different writing purposes, including both critical and creative responses, essay examinations, critiques, a small group project, and informal responses.

Language Arts

College Preparatory Writing 1948 Grade 12

Credit: ½

College Preparatory Writing introduces students to the level of rigor and independence they will encounter at the college level. Students will learn and apply the research process to different writing projects they will experience not only in English courses, but in a variety of academic disciplines in college. This includes informative, argumentative, and synthesis writing, as well as lab-style reports, projects, and online discussions.

Creative Writing Workshop 1945 Grade 12

Credit: ½

Creative Writing is a course for skilled writers who want to further develop their skills of poetry, short stories and memoirs. Students should be prepared to challenge themselves to improve writing through peer review, self-review, and revision. Students should have a serious desire to improve their creative writing skills. Creative Writing Workshop is a good choice for those planning for college and/or those who love to write.
A 3.0 G.P.A. is recommended.

English Composition AS 1947 Grade 12

Credit: ½

English Composition is a course which is designed to challenge students specifically in the area of critical and technical reading and writing. The course requires students to fine tune their understanding of basic essay parts and then utilize that knowledge to write for a variety of purposes and audiences. In addition to fundamental writing skills, students will also practice and refine researching techniques and apply findings to their writing. Students will also work on writing for different purposes, such as literary analysis and compare and contrast. The course is a conscious balance of analytical thinking, reading, and writing. This course has Advanced Standing with NWTC for students who earn a B (80%) or higher in the class.



SNC English 1391 & 13912 Grade 12 Course Fee: \$400.00 (8 college credits)

Credit: 1

First Term: English Composition EN 101
Second Term: Intro. To Literature EN 150



Prerequisites:

- 1) Senior Standing
- 2) 3.0 Cumulative G.P.A. is required (3.2 in English courses recommended)
- 3) ACT English Score of 23 or higher

Students must be accepted in advance by St. Norbert in order to take this course. If they are accepted, they must pay a fee to cover tuition and will earn eight college credits accepted at a majority of colleges and universities. The first term, EN 101 or English Composition, stresses composition and is centered on literary writing. The second term, EN 150 or Introduction to Literature, is spent on a broad background study of literature and literary analysis.

Mathematics

Math 1
Grades 9-12

4121 & 41212

Credit: 1

This course aims to deepen and extend student understanding built in previous courses by focusing on developing fluency involving Algebra topics such as linear equations, inequalities and systems. These skills are extended to solving simple exponential equations, exploring linear and exponential functions graphically, numerically, symbolically and as sequences and by using regression techniques to analyze the fit of models to distributions of data. Scientific calculator required.

Math 2
Grades 9-12

4531 & 45312

Credit: 1

Prerequisite: Math 1

This course aims to formalize and extend the Geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions and building a formal understanding of similarity based on dilations and proportional reasoning. It also helps students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, work within the rectangular coordinate system to verify geometric relationships and prove basic theorems about circle. Students also use the language of set theory to compute and interpret probabilities for compound events. Scientific calculator required. Math 2 is required for graduation.

Math 3
Grades 10-12

4551 & 45512

Credit: 1

Prerequisite: Math 2

This course aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.

Math 3 STEM
Grades 10-12

4561 & 45612

Credit: 1

Prerequisite: Math 2

This course aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions. The STEM version of Math 3 will be tailored to students seeking a career in the science, technology, engineering or math fields. Students taking STEM version of Math 3 are those planning on taking PreCalculus and Calculus in the future. Required calculator: TI-Nspire.

NWTC Vocational Math A & B
Grades 11-12

4448

Credit: ½

Prerequisite: Math 1

This course provides the opportunity for the learner to develop the knowledge and skills to apply the concepts of fractions, decimals, measurement, proportions, percent, formulas, and geometric calculations, and right triangle trigonometric calculations to their vocation. Students will earn NWTC credit with a C grade or higher. Dual/Transcripted credit. See the NWTC College Catalog for programs that require this course. Required: Scientific calculator.



Mathematics

**NWTC Math Reasoning
Grades 11-12**

4449

**Credit: 1/2
Prerequisite: Math 2**

This course provides an alternative pathway to earning credit for a college level liberal arts mathematics course. All college students, regardless of their college major, need to be able to make reasonable decisions about fiscal, environmental, and health issues that require quantitative reasoning skills. An activity-based approach is used to explore numerical relationships, graphs, proportional relationships, algebraic reasoning, and problem solving using linear, exponential and other mathematical models. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Students will earn NWTC credit with a C grade or higher. Dual/Transcribed credit. See the NWTC College Catalog for programs that require this course. Required: Scientific Calculator



**Functions, Statistics, and Trigonometry (FST)
Grades 11-12**

4146 & 41462

**Credit: 1
Prerequisite: Math 3 or Math 3 STEM**

Students in this course will review topics from Algebra and Geometry as well as explore and learn material from trigonometry, matrix operations, and introductory statistics. This course is a college preparatory course with an emphasis on acquiring skills to be ready for college level mathematics. The tone of the class will be for college bound students pursuing a career that does not have Calculus as a requirement. A graphing calculator is required. Recommended calculator is a TI Nspire family.

**UWGB Pre-Calculus
Grades 10-12
Course Fee: \$420.00 (4 college credits)**

4705 & 47052



**Credit: 1
Prerequisite: Math 3 STEM
B or better in Math 3 STEM for College Credit
Or Entrance Exam Minimum Score**

Students in this course will actively further their knowledge of Algebra and Geometry as well as learn new material in trigonometry and combinatorics. Calculus concepts will be introduced throughout the course. This course is a college preparatory course with an emphasis on acquiring skills to be ready for college level mathematics including Calculus. The tone of the class will be for *college bound students who will be pursuing a mathematics related career that has Calculus as a requirement*. A graphing calculator is required. Recommended calculator is a TI Nspire family.

**SNC Calculus
Grades 11-12**



4743 & 47432

Course Fee: \$200.00 (4 college credits)

**Prerequisite: 1) B or better in Pre-Calculus
2) 3.0 GPA**




Credit: 1

This course follows the curriculum of St. Norbert Math 131 Calculus Course. A graphing calculator is required. Recommended calculator is a TI Nspire. An exam written by the St. Norbert Math Department will be taken at the end of the course. Successful completion of the course carries four college credits to most universities. Must have a "C" or better to earn college credit Visit www.snc.edu/ccp/ for more information.

**Cost of this course may change with State of Wisconsin Legislative action.

Mathematics

Advanced Placement Statistics  **4744 & 47442**
Grades 10-12
Course Fee: Fee to take AP Exam (optional)


Credit: 1
Prerequisite: Math 2
B or better in Math 2 for College Credit
Or Entrance Exam Minimum Score

OR
UWGB Statistics  **4749 & 47492**
Grades 10-12
Course Fee: \$420.00 (4 college credits)




This course is equivalent to a one semester, introductory, college course in statistics designed to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The AP Statistics course lends itself naturally to a mode of teaching that engages students in constructing their own knowledge. This approach gives students ample opportunity to think through problems, make decisions and share questions and conclusions. Important components of the course include the use of technology, projects and laboratories, cooperative group problem-solving, and writing, as a part of concept- oriented instruction and assessment. This approach to teaching AP Statistics will allow students to build interdisciplinary connections with other subjects and with their world outside school. A college introductory statistics course, similar to the AP Statistics course, is typically required for majors such as social sciences, health sciences, business, science, engineering and mathematics. Required calculator is a TI Nspire. Students may take the AP Statistics exam in spring and with a passing score, receive college credits. Students will have the option to earn four college credits by taking this course as a college credit option through the University of Wisconsin Green Bay.

****UW-Madison does not recognize AP or College Credit Statistics as a math credit for purposes of admission****

Advanced Placement Computer Science Principles  **4134 & 41342**
Grades 9-12
Course Fee: Fee to take AP Exam (optional)

Credit: 1
Prerequisite: B or better in Math 1

The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. By the end of the course, students will become empowered to critically analyze computing innovations as well as create inspiring applications that express their interests. Note: AP Computer Science A will be run on alternating years with AP Computer Science Principles so plan accordingly. AP Computer Science Principles will be offered during the school years starting in an odd year.

Advanced Placement Computer Science A  **4135 & 41352**
Grades 10-12
Course Fee: Fee to take AP Exam (optional)

Credit: 1
Prerequisite: Math 2

No prior knowledge of programming is necessary, but students should be familiar with basic PC operations. Students should have competence and facility in mathematical reasoning and written communication. Advanced Placement Computer Science A is an introductory course in computer science as a discipline and, in particular, a course designed to develop the knowledge and skills that are tested on the College Board's APCSA examination in the spring. A passing grade on the AP examination will carry college credits. Beyond learning how to code fluently in the JAVA language, students are encouraged to understand programming as a logical, problem-solving skill requiring analytical and synthetic thinking. Emphasis is placed on design, structure, clarity, and abstraction so that the implementation of the solution to a particular problem might be maintainable, adaptable, and possibly reusable. Note: AP Computer Science A will be run on alternating years with AP Computer Science Principles so plan accordingly. AP Computer Science A will be offered during the school years starting in an even year.

Music

Important Information

*Students may register for both Band and Choir courses and still fit all of their required core courses into their schedules. During trimesters 2 and 3, all of the music ensembles will meet during the same hour on an every-other-day rotating schedule. Therefore, a student could potentially take Concert Band and Concert Choir during trimesters 2 & 3 and still have the remaining four periods of the school day available for other courses. Chamber Choir students may also take Concert Choir if they so choose.

*Students registering for just one band or choir course will have several options. He/she may either choose to have an every-other-day study hall, or take advantage of 3 every-other-day classes, specially designed for just our music students so that they may take a full schedule of 7.5 credits if they wish.

EVERY OTHER DAY COURSE OPTIONS FOR TRIMESTER 2 & 3

Music PE **5245 & 52452**
Grades 9-12

Credit: ½

Students in just one band or choir, also have the option of taking an every-other-day Phy Ed course during trimester 2 and 3, opposite their band/choir class.

Music Art **2148 & 21482**
Grades 9-12
Course Fee: \$30.00

Credit: ½

Art is the introductory course within the art program. Students in this class will work with a variety of media (materials) including but not limited to graphite, pastel, acrylic paint, plaster and found objects as they explore artists, artwork, techniques and processes. As a foundational course Art 1 develops a student's 2D and 3D art skills along with strengthening visual literacy through the Elements of Art and Principles of Design.

Music Computer Applications **8437 & 84372**
Grades 9-12

Credit: ½

This course is a must for all students since we live in a technology driven society. Students will learn the basics of Microsoft Office 2010. Applications covered will include word processing, spreadsheet, database, and presentations. In addition, students will also learn how to use a web-based presentation tool similar to PowerPoint. Our technology is changing every year and this class will offer an experience with emerging web tools like: blogs, wikis, RSS, social bookmarking, and more. These skills are essential for education and career success.

Music

Concert Choir Grades 9-12

2240, 22402 & 22403

**2240 ½ Credit Tri 1
22402 & 22403 ½ Credit Tri 2 & 3**

This choir is open to all students, without an audition. It is suitable for experienced singers wishing to improve upon their singing abilities as well as those new to choir. In addition to offering performance opportunities, this course focuses on vocal technique and the fundamentals of reading music. This choir performs in at least 3 school concerts throughout the year, as well as the June graduation ceremony. Students will be given individual or small group vocal lessons outside of class, on a weekly or bi-weekly basis. A variety of music will be taught to include classical, popular, vocal jazz, folk songs, madrigals, show tunes and music for male and female choirs. This choir may be split into two sections depending on the number of students registered and scheduling opportunities within the master schedule.

Chamber Choir Grades 9-12

2245, 22452 & 22453

**2245 ½ Credit Tri 1
22452 & 22453 ½ Credit Tri 2 & 3**

This choir is open to advanced, experienced singers through an audition or teacher recommendation only. The course meets every day during trimester 1 and every other day during trimesters 2 & 3. This ensemble performs a large variety of music from the various musical time periods to include classical, popular, rock, vocal jazz, folk songs, spirituals, madrigals, show tunes and music for male and female choirs. This choir performs in at least 3 school concerts throughout the year, the graduation ceremony, and several performances out in the community. The Chamber Choir will sometimes perform as a Swing Choir, Vocal Jazz Ensemble, or Madrigal group. Participation in the Madrigal Dinner Performance will require a handful of mandatory Monday evening rehearsals prior to the event. Participation in the annual Solo/Ensemble Festival is mandatory for this ensemble's membership. Students will be given individual or small group vocal lessons outside of class, on a weekly or bi-weekly basis. There may be additional costs associated with this class for performance apparel and potential travel opportunities.

Band Grades 9-12 Course Fee: \$50.00

2241

Credit: ½ Tri 1

Band is open to all students in grades 9 through 12 who play a brass, percussion, or woodwind instrument. Students who are interested in performing with the band as a member of the color guard should also enroll in this course but must play an instrument as well. Students enrolled in band will meet every day during the 1st Trimester (.5 Credit). This performance-based group will play home football games and other school and community functions throughout the fall. Students enrolled in this course are expected to attend a series of rehearsals and one camp over the summer. Students will be assessed a \$50 participation fee to cover meals, supplies, and some cleaning costs. *Specific fee descriptions and summer rehearsal schedules will be posted in the spring prior to the year of enrollment.*

Advanced Placement Music Theory Grades 10-12



2250 & 22502

Credit: 1

Prerequisite: Must have been in high school band or choir for one year OR have teacher approval before signing up.

Course Fee: Fee to take AP Exam (optional)

AP Music Theory is a course for ambitious and gifted music students whose goals include continuing their studies in music, planning to pursue careers in music, or expanding their knowledge and appreciation of music. The course will provide an opportunity for high school students to take college level music theory and will better prepare them to continue further studies in music. In order to be successful in this class, students should have some type of background in music and should be able to read music in at least one clef.

Music

Concert Band 22422 & 22423 Grades 9-12

Credit: ½ Tri 2 & Tri 3

Concert Band is open to those students that have had a minimum of two years formal training on a traditional band instrument or by permission of the director. Band members will participate in performance based band concerts and activities, many of which will take place outside of the regular school day. These events include but are not limited to: pep bands, fall concert, holiday concert, solo & ensemble, winter concert, spring parade, and the annual spring concert. Periodic lessons and playing tests may be required. Students may enroll in band for the entire year (1 credit), or for 2nd and 3rd Trimesters (.5 credit). Students enrolled in concert band will meet every day during the 1st trimester and every other day during 2nd and 3rd trimester. Students will audition for chair placement within the band in the winter.

Students may be required to purchase a lesson book and other supplies as needed for this course.

- ***Instrumental music offerings are subject to change based on student enrollment.***
 - ***Placement into Ensembles will be done by Director based on skills level, grade, and instrumentation needs.***
-

Jazz Band 22432 & 224322 Grades 9-12

Credit: ½ Tri 2 & 3

Students in this course will study Jazz improvisation and a variety of Jazz styles including Blues, Latin, Swing, Rock, and others. This course is only offered 2nd and 3rd trimester (.5 Credit). Two or more annual jazz concerts will be required, as well as other performance opportunities outside of the regular school day. Entry into this group must be approved by the Director. It is mandatory that students be a member of a high school band to participate in the jazz program. Exceptions will be made for non-traditional band instruments such as guitar and piano only if there is a need. Beginning and Advanced jazz ensembles may be formed based on enrollment demands. Enrollment will be limited to the following traditional Jazz Band instrumentation: Trumpet, Trombone, Saxophone, Bass Guitar, Rhythm Guitar, Piano, Drum Set, and Auxiliary Percussion. Placement will be based on auditions held in spring.

Physical Education

Cooperation, social skills, team building, conflict resolution, will be ongoing throughout the length of all the physical education courses.

PE - Grade 9 5256
Grade 9

Credit: ½

This course will provide students the opportunity to participate in a wide variety of physical activities such as: team sports, recreational sports, weight training, and yoga. Through this class, students will recognize the importance of physical activity for health as well as the value in finding enjoyment in the activities we choose to stay active. Additionally, each unit in this course is taught in higher level PE courses which will help students make informed choices when selecting future classes throughout high school.

Health 5257
Grade 9

Credit: ½

Health education will provide students with the knowledge and skills needed to adopt and maintain healthy lifestyles. Functional health content within the topics of mental health, nutrition, fitness, substance abuse, relationships, and human growth and development will be taught through the following skills: accessing valid and reliable information, analyzing influences, communication, decision-making, goal-setting, self-management and advocacy.

Team Sports 5244
Grades 10-12

Credit: ½

This course is for students who enjoy participating in a wide variety of team sports at a competitive level. Through drills and game play students will improve basic skills and an understanding of rules for each sport. Units will depend on the availability of facilities and be selected from the following: volleyball, basketball, soccer, softball, ultimate, flag football, rugby, lacrosse, handball, kickball, and floor hockey.

Individual Wellness 5241
Grades 10-12
Course Fee: \$35.00

Credit: ½

This course will offer a wide variety of physical activities that will help you lead a healthy adult life while covering content that focuses on physical, mental, emotional, and social health. The primary focus for this class is yoga along with other units such as bowling, yard games, badminton, tennis, bicycling, neighborhood walks, introduction to strength training and so many more. Units will be driven by the trimester in which it is offered and availability of facilities.

Adventure PE 5242
Grades 11-12
Course Fee: \$ 40.00

Credit: ½

This course is a unique PE class intended to develop students' communication skills, cooperation, respect, problem solving, self-confidence, and appreciation for nature through team building and outdoor activities such as: hiking, fishing, biking, geocaching, and recreational sports. A fishing license is required. (\$7-\$20)

Physical Education

Music PE
Grades 9-12

5245 & 52452

Credit: ½

Students in just one band or choir, also have the option of taking an **every-other-day Phy Ed course** which would meet during the same period of the day, opposite choir/band. A wide variety of physical activities will be offered.

Fitness for Life 5250
Grades 10-12

Credit: ½

This course will focus on improving each individual's overall fitness and health in the areas of muscular strength/endurance, cardiovascular endurance, flexibility, and body composition while emphasizing lifelong fitness and health related activities. Various training methods such as Bodybuilding, CrossFit, Weightlifting, Powerlifting, and Yoga will all be explored and adapted to meet each student's ability level. Students will also receive instruction and develop healthy habits in the areas of nutrition, mindset, and recovery.

Performance Training
5253 Trimester 1
5254 Trimester 2
5255 Trimester 3
Grade 11-12
Course Fee: \$15.00

Credit: ½

This class is for students who are serious about improving their athletic performance. Students will work towards improving their linear speed, lateral speed, plyometrics, upper body strength, lower body strength, mobility, and flexibility. This course is targeting students who want to work towards a high level of fitness and performance. This class is built around training with an individualized training program. The program will be designed and lead by an instructor. This course is limited to 24 students.

Senior PE **5240**
Grade 12
Course Fee: \$35.00

Credit: ½

This course is an elective for those senior students who have met their requirements for physical education needed for graduation yet are still interested in taking an additional PE class. This class is a blend of PE favorites with an emphasis on lifetime sports.

Science

**Science 9
Grade 9**

6541 & 65412

Credit: 1

This class is designed for freshmen planning to take more specialized science coursework during their high school career and beyond. Through lab activities, projects, and other investigations, students master the fundamental concepts of energy, chemistry, mechanics, ecology, and the nature of science itself.

**Biology 6140 & 61402
Grades 10**

Credit: 1

This class teaches you about the characteristics of living things and the balance that is required to keep an organism living. Other topics of study include cell structure and function, ecology, genetics, and the six kingdoms. Biology is a life science class that is required for graduation.

**Accelerated Biology 6141 & 61412
Grade 9**

Credit: 1

Prerequisite Eighth grade FastBridge score

Accelerated Biology is a class designed to prepare accelerated students for the rigors of college science courses. It stresses science as a process of inquiring into the nature of life. Problem analysis and experimental design are given emphasis. Topics of study will include but not limited to the characteristics and homeostasis of living things, cell structure and function, ecology, genetics, the six kingdoms, and bioethical issues and anatomy which will include dissections. To enter into Accelerated Chemistry the student must take Accelerated Biology as a freshman. Biology is a life science class that is required for graduation.

**Chemistry 6240 & 62402
Grades 11-12**

Credit: 1

Prerequisite: C or better in Math 1 & Biology

Chemistry is the study of fundamental theories and concepts of matter. The course will focus on the properties of matter, the composition of matter, and the changes matter undergoes. The objective in studying chemistry is to better understand the chemicals around us and in our environment, making us more aware of the issues we face. Observation and experimentation will provide the basis for understanding the chemical world.

**Accelerated Chemistry 6243 & 62432
Grade 10**

Credit: 1

Prerequisites: Accelerated Biology

Accelerated Chemistry is a class specially designed for the sophomore student who has successfully completed Accelerated Biology. The purpose of the course is to give students the ability to take numerous advanced science classes during both the junior and senior year, with plans to obtain a science degree in college. Chemistry is the study of fundamental theories and concepts of matter. The course will focus on the properties of matter, the composition of matter, and the changes matter undergoes. The objective in studying chemistry is to better understand the chemicals around us and in our environment, making us more aware of the issues we face. Observation and experimentation will provide the basis for understanding the chemical world.

**General Human Anatomy and Physiology 6143 & 61432
Grades 11-12**

Credit: 1

Prerequisite: Biology and Chemistry

A course designed to provide a hands-on approach to learning about the human body. This course is designed for those who have an interest in how the body works, or for those considering a career in health care. Human Anatomy will discuss the basic concepts of Human Anatomy as they relate to your everyday life. The class will cover each of the major body systems through the use of laboratory activities and dissections.

FETAL PIG AND OTHER ANIMAL ORGAN DISSECTIONS ARE REQUIRED FOR THIS COURSE!

Science

Physics 6440 & 64402
Grades 11-12

Credit: 1
Prerequisite: Enrolled in or Completed Math 2 with a C or better

Physics is a science concerned with the fundamental relations between matter and energy. The objectives of the course are: 1) to prepare for college and technical schools, 2) to appreciate what physics is and how it is related to our daily lives and modern technology, and 3) to learn the basic facts of physics as a foundation for gaining further knowledge by formal study and experimentation. A scientific calculator is required.

Environmental Science 6142 & 61422
Grades 11-12


Credit: 1
Prerequisite: Biology

This class applies content from General Biology and science 9 (basic chemistry & physics) as well as several social science courses (including economics, geography, psychology, and world history) to our natural environment. After a crash course in how Nature works in the first trimester, we explore our planet's energy resources, how we put them to use to build modern civilization, and strategies for ensuring a healthy, prosperous biosphere for all. All students will be doing citizen science field work in the fall and spring when we collect water quality data on Ashwaubenon Creek for UW-Green Bay's Lower Fox River Watershed Monitoring Project.

Forensic Science 6139
Grades 11-12
Course Fee: \$25.00


Credit: ½
Prerequisite: B or better in Biology & Chemistry

Forensic Science/Biotechnology is an upper-level course rich in exploration and lab investigation which applies many disciplines of previous scientific study. Forensic Science has become a comprehensive subject incorporating Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy and Physiology as well as other aspects of Science. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, hair, fibers, DNA, and fingerprints. This course combines basic theory and real laboratory experiments to explore the applications of science in the field of crime scene management from the crime scene to the crime lab and beyond. **This course will be capped at 24 students**

Advanced Placement Physics I  6444 & 64442
Grades 11-12
Course Fee: Fee to take AP Exam (optional)

Credit: 1
Prerequisite: B- or better in Chemistry and Math 2

AP Physics I is the equivalent to a first-semester algebra-based college physics course. The course covers the following topics: kinematics (one and two dimensions), Newtonian Mechanics, torque and rotational mechanics, gravitation and circular motion, mechanical energy and work, linear momentum and its conservation, simple harmonic motion and mechanical waves including sound, and a brief introduction to electrical circuits. The ability to apply concepts to the practice of scientific inquiry and reasoning is at the heart of the new physics course and subsequent exam.

Advanced Placement Physics II  6445 & 64452
Grades 11-12
Course Fee: Fee to take AP Exam (optional)

Credit: 1
Prerequisite: Completed AP Physics I or concurrent enrollment

AP Physics II is the equivalent to a second-semester algebra-based college physics course. The course covers the following topics: fluid mechanics (statics and dynamics), thermodynamics and kinetic theory of gases, electrostatics, electrical circuits, magnetic fields, electromagnetism, light (physical and geometric optics), and topics in modern physics (wave-particle duality and nuclear physics). Similar to AP Physics I, the course is steeped in the ability to apply concepts to solve problems both inside and outside the laboratory experience.

Science

Bellin General Chemistry **W** 6245 & 62452 **Credit: 1**
Grades 11-12 **Prerequisite: B- or better in Chemistry and Math 2**
Course Fee: \$460.00 (4 college credits)

This course provides the opportunity for the learner to develop the knowledge and the skills process in the understanding of general chemistry. Topics covered are: metric system, problem-solving, periodic relationships, chemical reactions, equilibrium, properties of water, acids, bases, salts and gas laws as well as an introduction to organic chemistry. Students focus on skill development, communication and problem solving. Critical thinking skills are developed as students learn to collect and analyze data and work out the correct solutions. The lab portion provided the opportunity for the learner to develop the knowledge and the skills process in the understanding of the practical application of the principles of general chemistry in the laboratory.



Bellin Human Anatomy and Physiology I 6148 **W** **Credit: 1/2**
Grades 11-12 **Prerequisite: B or better in Biology and Chemistry**
Course Fee: \$460.00 + \$60.00 for course materials (4 college credits)

The first of a two-course sequence, this course provides a lecture and laboratory study of the structure and function of human cells, tissues, organs and body systems as they relate to human health and biology. The course stresses homeostatic control systems and coordinated body functions with an emphasis on the integumentary, skeletal, muscular, nervous, and endocrine systems.

Bellin Human Anatomy and Physiology II 6158 **W** **Credit: 1/2**
Grades 11-12 **Prerequisite: B or better in Biology and Chemistry**
Course Fee: \$460.00 (4 college credits)

The second of a two-course sequence, this course provides a lecture and laboratory study of the structure and function of human cells, tissues, organs and body systems as they relate to human health and biology. The course stresses homeostatic control systems and coordinated body functions with an emphasis on cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems.



Social Studies

US History 7344 & 73442 **Grade 9**

Credit: 1

This course covers history from a United States perspective while including a world view from the Colonial Era through the Progressive Era. Emphasis is on a critical analysis of the political, economic, social and cultural forces that have shaped our interdependent world. This is a required course.

Global History 7343 & 73432 **Grade 10**

Credit: 1
Prerequisite: US History

Prerequisite: US History This course covers the history of the World from multiple viewpoints while maintaining a US perspective from the Age of Imperialism to the present. Emphasis will be on critical analysis of the cultural, economic, political and social forces that have shaped our interdependent world. This is a required course.

World History 7342 **Grades 11-12**

Credit: ½

This elective social studies course features five total units that cover the ancient, modern, and contemporary world: Greece, Rome, Western Europe, Russia, and East Asia. The goals of the course are to examine historical events with relation to cause and effect, explore how specific themes such as conflict and technology connect each unit together, and to use the past in a better effort to understand the present day. Students will also develop analytical and critical thinking skills and use these skills as they examine the past.

Economics 7140 **Grades 11-12**

Credit: ½

Economics is the study of how people fulfill their unlimited wants with limited resources. To accomplish this, individuals and businesses need to make decisions in their best interest. To make quality decisions, people must understand how their time and money are affected. This course will teach students about the flow of money throughout the economy. Students will learn about banking, saving, and investing money for the immediate future and retirement. The role that banks and the Federal Reserve play in the economy will also be studied. A group project on businesses and marketing strategies by franchises and corporations will be analyzed. Theories of supply and demand will be graphed to learn how the prices that we pay are arrived at. Lastly, we will review international trade and exchange rates so that we understand the global economy. All told, students will be able to make informed decisions about their future in an ever changing global economy after taking this course.

Geography 7243 **Grades 11-12**

Credit: ½

This course is dedicated to a study of the world around us. The class starts with an introduction to geography, in which students will learn the five themes of geography, the features that define the earth, the climate patterns of the earth, how to study peoples and cultures of the earth and how to use various geographic tools. From there students will use the skills they have learned and apply them to various areas of the world. They will look at the physical features of those areas (land, climate, and types of vegetation), as well as cultural features, which includes studies of population patterns, history and government, and cultures/lifestyles.

Contemporary Social Problems 7840 **Grades 11-12**

Credit: ½

This course includes an introduction to sociology, the study of human society and how groups of people interact to influence policies and behaviors. The course also explores cultural diversity, social norms, and social problems within the U.S. and the world. The focus is on modern social problems including race relations, poverty, health care, and many more. Social policy in reaction to social problems will be a focus as students gain a sociological perspective used to understand how our world is connected and continues to change.

Social Studies

General Psychology AS Grades 11-12

7640

Credit: ½

Why can't I find my keys? Should parents punish their children? Is memory loss an inevitable part of aging? What are the symptoms of OCD? Is feeling blue the same as being depressed? How many hours of sleep do I need? Does cramming for an exam really work? If this course were given a subtitle, it might be: Psychology: Concepts, Connections, & Applications. The curriculum for this course places a heavy emphasis on subfields of psychology that are immediately applicable to daily living. Students will be exposed to major concepts and theories in areas such as learning and conditioning, memory, lifespan change, psychological disorders, social influence and interaction. Students completing this course will have a greater awareness and knowledge of the human environment in which they exist. Must obtain a B or better to receive NWTC credit.



Native American History Grades 11-12

7841

Credit: ½

This course is designed to lead the student to a better understanding of the Native American tribal histories, contributions, and culture. The course will deal with Native Americans from pre-Columbian times to the present, including Wisconsin tribes. The course is offered for anyone interested in cultural diversity and the role of the Native American in shaping the heritage of the United States.

American Government and Politics Grades 11-12

7141

Credit: ½

This course will provide students with a strong understanding of the background, organization, and function of government at the national, state, and local level. Students will explore course topics through an issues-oriented approach in which students will engage in debate and discussions, examine case studies, take part in simulations, and participate in community activities.

Advanced Placement Human Geography 7942 & 79422 Grade 9 Course Fee: \$25.00 + additional fee to take AP Exam (optional)

Credit: 1

AP Human Geography may be taken in fulfillment of the US History requirement for freshmen. The aim of an AP Human Geography course is to provide students with a learning experience equivalent to that obtained in most college-level introductory human geography courses. Students will be introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice.

Advanced Placement World History: Modern 7943 & 79432 Grades 11-12 Course Fee: \$25.00 + additional fee to take AP Exam (optional)

Credit: 1

Which empires have risen and fallen in human history, and what are the reasons for this? How has technology evolved over hundreds of years, and what are the consequences of these changes? How have events and actions of the past helped shape our modern world? AP World History: Modern tackles these questions and more as students will develop the ability to apply historical thinking skills and reasoning processes to conceptualize world history beginning in the year 1200 CE up to the present. Student examination of the six themes of humans and the environment, cultural developments, governance, economic systems, social interactions, and technology will provide the basis for the investigation of different periods and regions of the world. In addition to the content, students will analyze primary and secondary historical evidence and express their historical understanding in written form. This elective social studies course is the equivalent of a college introductory course in world history, and students have the option of completing the College Board-sponsored AP World History: Modern Exam in May, which may allow students to earn 3-6 college credits depending on their score and chosen college or university.

Social Studies

UWGB Macroeconomics



7146

Credit: 1/2

Grades 11-12

Course Fee: \$315.00 + \$20.00 for course materials (3 college credits)

OR

Advanced Placement Macroeconomics



7142

Grades 11-12

Course Fee \$20.00 + additional fee to take AP Exam (optional)



This course is an introduction to Macroeconomics. The class focuses on the behavior of our economy as a whole and focuses upon the process by which the economy achieves output and employment. Topics covered will include calculating price levels, GDP, unemployment, and international trade. Students will also learn about the role of the Federal Reserve and government in the overall economy and their effects on exchange rates of currencies. A variety of applications will be incorporated throughout the class to bring forth the relevance of varying macroeconomic theories.

UWGB Microeconomics



7147

Credit: 1/2

Grades 11-12

Course Fee: \$315.00 + \$20.00 for course materials (3 college credits)

OR

Advanced Placement Microeconomics



7145

Grades 11-12

Course Fee \$20.00 + additional fee to take AP Exam (optional)



This course is an introduction to Microeconomics. The decision making processes of individuals and firms will be examined to figure out what products will be produced, how they are produced, and at what price they will command. It is a first exposure to the theory of economics as it pertains to resource and output allocation among members of society. Topics covered include supply and demand, price determination, market structures, production costs, market failure, and the labor market. A variety of applications will be incorporated throughout the class to bring forth the relevance of microeconomic theory to the world about us.

UWGB Psychology



7139 & 71392

Credit: 1

Grades 11-12

Course Fee: \$315.00 (3 college credits)

OR

Advanced Placement Psychology



7138 & 71382

Grades 11-12

Course Fee: Fee to take AP Test (optional)



Who am I? Do parents really matter? Do opposites attract? How well can infants see? Is it possible to feel pain from an absent limb? How accurate is eye witness testimony? The purpose of this course is to help students understand the scientific principles of behavior and mental processes. Students will be introduced to the major scientific concepts related to neuropsychology, clinical psychology, developmental psychology, cognitive psychology, social psychology, research methods, sensation, perception, learning, motivation, emotion, and personality. Students will have the option to earn three college credits by taking this course as a college credit option through the University of Wisconsin Green Bay or as Advanced Placement.

Social Studies

**UWGB U.S. History
Grade 10**



7944 & 79442

Credit: 1

Course Fee: \$630.00 + \$25.00 for class materials (6 college credits)

OR

**Advanced Placement U.S. History
Grade 10**



7940 & 79402



Course Fee: \$25.00 + additional fee to take AP Exam (optional)

AP U.S. History may be taken as an elective requirement for social studies. This course is intended for qualified students who wish to complete studies in high school equivalent to a college introductory course in U.S. History. The goal of this course is to prepare students for the AP U.S. History Exam – a College Board- sponsored exam administered in May. In preparing for the exam, students will gain knowledge of major events and trends in U.S. History from the colonial era to the present. In addition to gaining content knowledge, students will be expected to analyze historical evidence and express historical understanding in writing. This is equivalent to two college American History survey courses. Students will have the option to earn six college credits by taking this course as a college credit option through the University of Wisconsin Green Bay or as Advanced Placement.

Technology Education

NWTC Parametric Modeling **W** 8351
Grades 9-12
Course Fee: \$15.00



Credit: 1/2

OR

UWGB Parametric Modeling **W** 8352
Grades 9-12
Course Fee: \$210.00 + \$15.00 for class materials (2 college credits)



This is a course in advanced computer aided design for those students who plan to attend vocational, technical and engineering colleges. The students will use the latest version of Solidworks to learn how to accurately model parts, machines, and mechanisms. They will use the CAD software to create parts, assemblies, and production drawings. The course will also introduce students to kinematics motion and finite element simulation. Students will have the opportunity to become Certified Solidworks Associates upon successful completion of this course.

Residential Design & Construction 8321
Grades 10-12
Course Fee: \$15.00

Credit: 1/2

In this course, students will study the styles and construction of residential homes. Students will use Revit to develop a home of their own design including all construction documents and interior designs. Students will build scale models of their homes with completed interior images. This class is ideal for students who are pursuing a construction/design career, including interior design, and for a general audience interested in understanding the processes involved in creating a home. This course runs every other year.

NWTC Parametric Modeling 2 8357
Grades 10-12
Course Fee: \$15.00



Credit: 1/2
Prerequisite: Parametric Modeling

This class focuses on creating and manipulating models using Solidworks software. Course content includes models requiring the use of revolved and swept features, equations, and thin walled parts. The course also includes lofting, sweeping complex contours, and surfaces and is taught through practical engineering challenges. Students will learn how to prepare parts for a variety of manufacturing processes including CNC Machining and 3D printing. This course runs every other year.

NWTC Fundamentals of Drawing **W** 8343
Grades 9-12
Course Fee: \$15.00



Credit: 1/2

OR

UWGB Fundamentals of Drawing **W** 8344
Grades 9-12
Course Fee: \$315.00 + \$15.00 for class materials (3 college credits)



This class introduces computer Aided drafting using AutoCAD software focusing on template setting; creating and manipulating layers; basic drawing, editing, and inquiry commands; blocks and attributes; and plotting. Students will have the opportunity to become Certified Autodesk Desk users for AutoCAD upon successful completion of this course.

Basic Manufacturing Processes **W** 8388
Grades 10-12
Course Fee: \$15.00

Credit: 1/2

OR

UWGB Basic Manufacturing Processes **W** 8374
Grades 10-12
Course Fee: \$315.00 + \$15.00 for class materials (3 college credits)



Students in this course will explore a broad range of engineering and manufacturing processes including the use of 3D modeling software and additive and subtractive manufacturing, and robotic welding. Course focuses on a process that joins Design/Engineering with the Construction/Production through hands-on manufacturing practicals. Students will have the opportunity to earn a FANUC Certified Robot Operator certification upon successful completion of this course.

Technology Education

Introduction to Engineering **W** 8359 **Credit: ½**
Grades 9-12
Course Fee: \$15.00

OR
UWGB Introduction to Engineering **W** 8378
Grades 9-12
Course Fee: \$210 + \$15.00 for class materials (2 college credits)



Students in this course are exposed to broad field engineering disciplines including: Civil, Architectural, Electrical, Environmental, Chemical, Biomedical, Mechanical, Aerospace, Industrial, Packaging, etc. Each discipline is taught through real world examples and projects. AutoCAD and Solidworks will be introduced to students to assist in solution developments.

Fundamentals of Engineering **W** 8389 **Credit: ½**
Grades 10-12
Course Fee: \$20.00

Prerequisite: Fundamentals of Drawing
(Parametric Modeling is encouraged)

OR
UWGB Fundamentals of Engineering **W** 8381
Grades 10-12
Course Fee: \$315.00 + \$20.00 for class materials (3 college credits)



This course will explore the relationship between math, science, physics, and technology. It will be organized around a set of concepts, skills and attitudes that are fundamental and necessary to all engineering endeavors such as the design process, project definition and planning, concept generation, product generation, safety and human factors in design. The concepts will be taught through a set of real work case studies. Topics covered include ethics, project management, team work, working with data, and creating presentations.

NWTC Intro to CNC Machining 8372 **Credit: ½**
Grades 10-12
Course Fee: \$20.00

This is an introduction to CNC machine and operations. Topics include: Shop safety around CNC milling/turning machines, CNC milling/turning machine controls and preparing basic G-code milling/turning programs, set-up, and operations of CNC milling/turning machines. Students will develop the knowledge and skills to hand write G-Code in addition to using MasterCAM for more advanced programming.



Engineering Capstone 8360 **Credit: ½**
Grades 11-12
Course Fee: \$5.00 +

Prerequisite: Fundamentals of Engineering

This course will allow students to explore in depth one of the concentrations discussed in the Intro to Engineering Class through a capstone project which will include partnership with local business and industries.

Introduction to Robotics 8361 **Credit: ½**
Grades 9-12
Course Fee: \$10.00

This class will be an introduction to the field of robotics. Students will construct, test, and troubleshoot multiple robot configurations to perform a specific task in a competition-based environment. Knowledge of sensors, actuators, mechanical linkages and controllers will be put to use extensively in the building of a robot. Students will also be introduced to a simplified programming language used to autonomously control the robot.

Technology Education

W.O.R.X. 8362
Grades 9-12
Course Fee: \$20.00

Credit: ½

West De Pere **O**ccupational **R**esearch and **X**ploration. This course will expose students to multiple construction, manufacturing, and transportation related trades. Students will be exposed to specific careers in areas such as: excavating & machine operation, surveying, masonry, framing, plumbing, electrical, millwright, HVAC, logistics, and welding. Each career area will also include a hands-on activity or project related to the specific career.

Machine Shop I 8375
Grades 10-12
Course Fee: \$20.00

Credit: ½

This is an introductory course in machining. Topics include shop safety, measuring tools/layout, cutting operations, basic machining theory, operation of drilling machines, bench work, basic engine lathe operation, along with basic vertical and CNC milling machine operation. Students will learn machine operation through a series of projects.

Machine Shop II 8376
Grades 11-12
Course Fee: \$20.00

Credit: ½
Prerequisite: C or better in Machine Shop I

This intermediate course focuses on more advanced machining practices though project based learning. Students will complete projects using all machine shop equipment including manual lathes and vertical mills, CNC milling and waterjet cutting. Topics include loading and unloading tools, work holding, setting part zero, fixture offsets, setting length and offsets.

Power Sports 8347
Grades 11-12
Course Fee: \$10.00 + \$10.00 for EACH DNR Certificate

Credit: ½
Prerequisite: Outdoor Power Equipment

This course will provide students the opportunity to explore technologies and systems which are unique to the motorsports and power sports industry. Students will gain a fundamental understanding of the major systems associated with various types of outdoor recreational products such as ATV's, snowmobiles, personal watercraft, and motorcycles. Students will also learn proper basic diagnostic and repair techniques. Students will also have an opportunity to earn DNR operator certificates for ATV, Snowmobile and Boating.

Outdoor Power Equipment 8350
Grades 9-12
Course Fee: \$15.00

Credit: ½

This course will provide students an in-depth study of 2-stroke and 4-stroke engines and the fundamental operating systems of all basic internal combustion engines. Proper tool usage, repair, and reconditioning techniques will also be learned. Students will be introduced to the operating systems of various outdoor power equipment including lawn mowers, snow blowers, string trimmers, chainsaws and leaf blowers.

Technology Education

Car Care 8385

Credit: ½

Grades 11-12

Course Fee: \$15.00

This class is designed to learn to spot potential problems before they become expensive issues. Students will learn how to perform proper maintenance and basic repairs on their personal cars and trucks. The knowledge learned in this class will also help students to save money by being able to do their own maintenance and repairs. This class will also explore the basics of all major automotive systems. Students will also learn about financing, insurance, and developing a maintenance schedule. Students must have regular access to a vehicle that they can take to school to perform required lab tasks.

Technical Graphics 8373

Credit: ½

Grades 9-12

Course Fee: \$20.00

This class will focus on fields of graphic arts and interactive media. A special emphasis will be placed on the technical aspects of the field; however, the importance of blending artistic elements with technology will be an underlying theme. Projects will include: screen printing, vinyl sign and decal production, and creation of digital environments and digital character development. This class will also include basic exploration of: video game design, and authoring and animating 3D simulations.

Woodworking Block

Credit: ½

Grades 9-12

Student enrolled in this class will be enrolled in one of the following classes although all classes will meet in the woods lab at the same time.

Woodworking Block 1 8368

Course Fee: \$25.00

Covers the areas of shop and machine safety, proper use of woodworking machines, use of power and non-power hand tools, construction and assembly techniques, use of fasteners, wood finishing, and Computer Numerical Control (CNC) technology. Projects examples include: a cutting board, mantel clock, footstool, and a CNC project.

Woodworking Block 2 8369

Prerequisite: C or better in Woodworking 1

Course Fee: \$40.00

Covers the following areas of woodworking: reading working drawings, wood identification, creation of a bill of materials, shop and machine safety, proper use of woodworking machines, proper use of power and non-power hand tools, construction and identification of joinery, wood finishing, and installation of hardware. Project: Nightstand with raised panel door.

Woodworking Block 3 & 4 8370

Prerequisite: C or better in Woodworking 2

Course Fee: \$5.00 + project

Allows each student to select, design, and construct a project of their choice. Topics that will be covered include: furniture styles, design process, joinery, finishing, and safety. This class is a project-based class; each student will be responsible for constructing a project.

NOTE: The cost of a project will depend on size, type of wood used, and the hardware installed.

Technology Education

NWTC Welding 8364
Grades 10-12
Course Fee: \$20.00



Credit ½

This course provides the opportunity for the learner to develop the knowledge, skills, process and understanding of welding in the flat and horizontal positions, fillet, pipe to plate and groove welds on plain carbon steel. The primary focus is GMAW (MIG) welding with students being introduced to SMAW, TIG, and flux core welding processes. As part of this course students will be introduced to robotic welding applications and programming.
