Bonduel High School
2020-2021

Course Description Book

Updated 08/26/2020

2020-2021

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CAREER PLANNING—CAREER CLUSTERS

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

Almost all career possibilities can be found within the 16 Career Clusters. Students at Bonduel High School are fortunate to have the opportunity to take coursework relevant to all 16 Career Clusters. Communicating career and educational goals to your high school counselor, and exploring the 16 Career Clusters aid students in choosing relevant and applied coursework designed to meet their individual educational and career goals.

GRADUATION REQUIREMENTS

A total of 24 credits must be earned for a student to graduate from Bonduel High School. The following is a list of graduation requirements:

Class of 2019 & Beyond

Courses	**Credits Required**
English	4
Social Studies	3
Mathematics	3
Science	3
Physical Education	1.5
Health in grades 7 through 12	0.5
Personal Finance**	0.5
Computer Essentials	0.5
Electives	8.0
State Civics Test Requirement –	Pass
TOTAL CREDITS	**24**

All students are required to enroll in at least 8 credits per school year with a **minimum** of 4.0 credits **per semester**. Any student wishing to apply for early graduation must apply by October 1st of their senior year.

CREDIT POLICY

Student progress toward commencement is monitored by counting credits. A half credit is the measure assigned to the successful completion of a class by earning a 'D-' or better.

The number of credits a student earns during a semester or year is of major importance to course work planning and meeting graduation requirements. Therefore, students and parents are strongly encouraged to contact the school counselor regarding:

- selecting classes
- reviewing credits earned/credit deficits
- career planning
- college, university, technical, and other post-school opportunities
- scholarship availability
- and other educational concerns.

Although 24 credits are required to graduate, students are encouraged to enroll in additional classes. This provides an opportunity to explore new areas, obtain new skills, and enhance their depth of knowledge.

COURSE CHANGE POLICY

Within the first week of each semester, students will be allowed to make **one** schedule change for any of the following reasons:

- If a course conflict exists.
- If a student fails a class.
- If a student fails a pre-requisite for a class.
- If the teacher, parent, and student agree that the student has signed up for a class that is not appropriate for that student based on academic abilities, career goals, or other factors.

Students must sign up for the classes they plan to take and will not be allowed to make a schedule change simply because they have changed their mind. All students are expected to take adequate time to research the courses they select.

The student must obtain:

- A Schedule Change Notice form from the guidance office.
- Teacher signatures for all classes affected.
- Signature of a parent/guardian.
- Signature of the school counselor or principal.

Changes made after the first week of the semester will usually result in the student receiving an "F" for the semester in which the class has been dropped, and no credit will be awarded.

TESTING

Testing is an integral part of planning. Results help the school to aid the student in making appropriate choices with respect to career goals. A variety of evaluation opportunities are available.

1. The Armed Services Vocational Aptitude Battery (ASVAB)

This instrument is available to juniors during the spring of each school year. It is administered at the High School by the Civil Service but is not a direct military exam. The test will evaluate aptitude in these areas:

- General Information
- Numerical Operations
- Arithmetic Reasoning
- Math Knowledge
- Space Perception
- Attention to Detail
- Word Knowledge
- Electronic Information
- Auto Information
- Shop Information
- Mechanical Comprehension

2. The Pre-Scholastic Aptitude Test (PSAT)

This three-hour exam is administered to juniors who sign up in the fall. Students will:

- Be able to compare their scores with the scores of a national sample of other students their age.
- Learn more about their abilities in math and verbal skills.
- Become eligible to compete with other students for national awards.

3. The Scholastic Aptitude Test (SAT)

This is a multiple-choice test that measures general verbal and mathematical abilities. The verbal questions are not related to any specific course of study; the mathematical questions assume a student has received one year of Algebra and some Geometry instruction. The test helps predict future success in post-secondary schools. It is given several times each year throughout the state. These dates can be found at www.collegboard.com.

4. The American College Test (ACT)

This instrument is available six times during the year, at various sites throughout the state. It is a college entrance exam to universities nationally, including all colleges, universities and technical colleges in the state of Wisconsin. It is always important to check with each university for their specific entrance requirements.

This test will provide the following information:

- Scores on your knowledge of four basic areas: English, Mathematics, Reading, Science and Writing.
- A comparison of your scores with a national sample of other students' results.
- An indication of how students with scores similar to yours are progressing in post-secondary schools.
- Possible vocational choices based on your answers to a general interest survey.

National test date times for the ACT are from 8am – 12pm**.**

As of 2015, all students in the state of Wisconsin are required to take the ACT. They will take it in the spring of their junior year. The ACT will be administered at Bonduel High School.

6. Accuplacer/Compass

The Accuplacer can be taken at BHS in the LMC. It is the entrance exam for Fox Valley Technical College (FVTC). It is recommended that you check with other tech colleges for their preference of entrance exams. See the high school counselor for any changes to Technical College entrance exam.

7. Wisconsin Forward

Wisconsin Forward is a state test in Social Studies. It is administered at the High School to all sophomores.

8. ACT Aspire

ACT Aspire is state testing for 9th and 10th grade. These summative assessments that measure how much students have learned over time, as well as aligned classroom-based assessments that help educators better understand students' learning needs in individual classes throughout the school year. The aligned assessments will inform teachers about students' progress toward specific learning standards, so they can better tailor their instruction and resources to help students learn.

ACT research shows the direct link between early assessment and intervention and the improved likelihood of students succeeding in school and reaching their college and career goals. ACT Aspire will help educators identify foundational skill deficiencies earlier, which will provide the opportunity to quickly address weaknesses and build on strengths.

9. Final Exams

All students will take final exams at the end of each semester. These exams will be comprehensive (cover material from the entire semester) and can count for up to 20% of the semester grade.

CONTINUING EDUCATION

Enrollment requirements vary at colleges/universities and technical colleges; however, most require some form of entrance exam. A specific grade point average and/or class rank may also be needed for admission. Be sure to contact the high school counselor for detailed information and to obtain information regarding scholarships.

The following is a list of high school classes required by most four-year colleges/universities:

1. English (Language Arts) - Four credits
2. Social Sciences - Three credits
3. Mathematics - Three credits (Algebra and above). Four years are recommended especially if considering a major in math, science or engineering.
4. Science – Three credits. Four credits recommended.
5. Foreign Language - Two years of the same language are recommended for some colleges. Check with the college you plan to apply to.
6. Computer Courses - Highly recommended.

Other post-secondary schools specializing in particular courses of study may have requirements different than those listed above. Obtain more detailed information from the high school counselor.

Sophomore students and their parents should investigate the post-secondary options available. As juniors and seniors, thorough credit reviews are crucial, information regarding their school of interest must be updated, and admission applications forwarded to that institution.

Continuous contact with the school counselor is of major importance.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and colleges. It exposes high school students to college-level material through involvement in an AP course, and it gives them the opportunity to show that they have mastered it by taking an AP exam. Colleges and universities can then grant credit, placement, or both to students who have done so. College and university policies regarding Advanced Placement grades are not consistent. Students seeking college credit through AP are advised to obtain that policy from the college they plan to attend.

Advanced Placement classes may start prior to September 1st. The instructor will determine the official start date of this class.

Advanced Standing

Advanced Standing 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. 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 transferrable to all schools within the Technical College System.

DUAL CREDIT

1. **Transcribed Credit**
   - Students must receive a C or better to receive credit at college.
   - Credits can be earned from the following post-secondary institutions:
     - Northeast WI Technical College
     - Northcentral Technical College
     - College of Menominee Nation
2. **Early College Credit**
   - Students must receive a C or better to receive credit at college.
     - Credits can be earned from University Wisconsin-Green Bay

Students are responsible to confirm with their prospective higher education institution for transferability for all dual credits.

Students are responsible for contacting post-secondary institutions to have transcripts sent to future post-secondary institutions.

Transcribed Classes are highlighted throughout Course Handbook

ENGLISH

ENGLISH I

GRADE: 9
REQUIRED
BHS CREDIT: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
This required course is a concentrated, thorough study of literature and composition. Students will study novels, Shakespeare, and mythology, using writing skills and group discussion to analyze and respond to the text. They will also focus on argumentative writing and develop their writing skills through the writing process. Students will complete a multimodal project which uses many different forms of technology or modes of expression to show what students have learned. Through the multimodal project, students will create a video, a radio show, and various forms of writing, photography, a poem, a comic strip and more! Each student will read one SSR book per term/semester.

HONORS ENGLISH I

GRADE: 9
REQUIRED
BHS CREDIT: 1
PREREQUISITE: State reading assessment scores and/or teacher recommendation
TRANSCRIBED THROUGH: Not transcribed
Honors English I is a concentrated, thorough study of literature and composition. Students will closely examine a variety of literature, including short stories, poetry, a Shakespearean play, and at least two novels. Independent reading is also required. Recognizing the purpose and effects of literary forms and techniques, as well as developing and sharpening personal writing skills will be emphasized. Analytical and creative writing will be intertwined with the study of literature. Students will also hone critical thinking, reading and speaking skills.

ENGLISH II

GRADE: 10
REQUIRED
BHS CREDIT: 1
PREREQUISITE: ENGLISH I
TRANSCRIBED THROUGH: Not transcribed
This course is a concentrated, thorough study of literature and composition. Students will study various literary genres including the short story, autobiography, poetry, drama, and novels. Specific units of study include investigating dystopian literature and persuasion, composing a researched argumentative paper, examining a Shakespearean play, and analyzing a novel. As they read, students will consider a work's structure, style, and themes as well as smaller-scale elements, such as the use of figurative language, irony, and symbolism. Students will also develop and enhance their writing skills throughout course of the class.

ENGLISH III

GRADE: 11
ELECTIVE
BHS CREDIT: .5
PREREQUESITE: None
TRANSCRIBED THROUGH: Not transcribed
This course has a strong emphasis on reading, writing, speaking, and the conventions of English. We will work on reading strategies, grammar and sentence structure, and basic writing skills in reference to short, timed essay prompts. Additionally, assignments and lessons are focused on the real-world applications of English, ensuring college and career readiness. English III will be offered during the first semester of students' junior year and is a prerequisite or corequisite for all elective English courses.

HONORS ENGLISH II

GRADE: 10
REQUIRED
BHS CREDIT: 1
PREREQUISITE: English I or Honors English I, state reading assessment scores, and/or teacher recommendation
TRANSCRIBED THROUGH: Not transcribed

Honors English II is a concentrated, thorough study of literature and composition. Students will closely examine a variety of literature, including short stories, poetry, Shakespeare's Hamlet, Hansberry's *A Raisin in the Sun*, Zusak's *The Book Thief*, and O'Brien's *The Things They Carried*. Students will advance their understanding of literary features, forms and techniques as works are closely examined. Analytical, argumentative, and creative writing will be interwoven throughout the class in response to the literature studied. Refining writing skills will be a focus, and students will continue to hone critical thinking, reading and speaking skills.

COMMUNICATING-WRITING

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE / COREQUISITE: English III
TRANSCRIBED THROUGH: NWTC — Communicating Writing #31-801-385, 1 Credit

This class will prepare students for the many modes of workplace communication and aims to produce successful workplace writers. Course competencies include an exploration of grammar, tone, audience, and purpose, as well as the development of technical writing skills and writing style. Moreover, learners will focus on the ability to design and organize documents appropriately. Students taking this course will yield documents such as resumes, business letters, memos, emails, instructions, and other texts typical of a workplace setting. Students will hone their interpersonal skills through experience with professional presentations and interviews.

SPORTS LITERATURE

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE / COREQUISITE: English III
TRANSCRIBED THROUGH: Not transcribed

This is a high-interest course where students will read novels about football, basketball, wrestling, baseball and swimming and write essays in response to the novels. Students will complete a group sports advertising project and create a personal video and a power point presentation. The class will also watch several sports videos, writing response papers about them. This course is intended for students who will be attending technical colleges or entering the work force and will not be accepted by most four-year colleges as a college-prep English requirement, although college-prep students are welcomed to take it as an elective.

AMERICAN LITERATURE I

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE / COREQUISITE: English III
TRANSCRIBED THROUGH: Not transcribed

Over the course of this class, we will discuss many topics related to the analysis and application of English Language Arts through the lens of American history. We will use a collection of texts from our past to make relevant connections to our present, exploring the overarching themes of identity, coming-of-age struggles, and individuality. The curriculum will include historical and contemporary texts: The Absolutely True Diary of a Part-Time Indian by Sherman Alexie; The Crucible by Arthur Miller, a play about the Salem Witch Trials; and The Catcher in the Rye by J.D. Salinger. Knowledge of literary texts is assessed through the composition of argumentative, persuasive, and expository essays.

AMERICAN LITERATURE II

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE / COREQUISITE: English III
TRANSCRIBED THROUGH: Not transcribed

This course analyzes American history from the Pre-Civil War Era through the Great Depression through the lens of literature. We use a collection of texts from the past to make relevant connections to our present and future, reading a variety of pieces from Gothic Literature, including short stories, poems, and film with a critical study of the elements of the genre. In addition, students analyze the Prohibition Era through F. Scott Fitzgerald's novel, The Great Gatsby, and the setting of the Great Depression in Of Mice and Men by John Steinbeck. Knowledge of literary texts is assessed through the composition of narratives, expository essays, and persuasive essays.

ENGLISH COMPOSITION I

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: "C" or higher in English II **(Recommended for College-Bound Student)**
TRANSCRIBED THROUGH: NWTC – English Composition I- #10-801-136, 3 Credits. To earn NWTC credit, students must earn a grade of 80% or higher.

This course provides the opportunity for the student to develop the knowledge, skills, process, and understanding of the nature and scope of critical reading and writing. The text, Steps to Writing Well, presents critical essays which the students will interpret and analyze. Students will write a variety of compositions including: narration, description, comparison, definition, casual analysis, logical argument, and research papers. Students will also keep a journal in class as well as study grammar and the principles of the writing process.

CREATIVE WRITING

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE / COREQUISITE: English III
TRANSCRIBED THROUGH: Not transcribed

Over the course of this class we will study various modes of creative expression, with an emphasis on writing. To do so, we will pull inspiration from our own lives, pop culture, and current events in a way that both helps us make sense of our world and express our ideas in an inventive way. These ideas will culminate into projects such as short stories, children's books, poems, and graphic novels, and musicals. Overall, the focus of this class is developing your ability to think and express yourself creatively.

BRITISH LITERATURE I

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: "C" OR HIGHER IN ENGLISH II **(RECOMMENDED FOR COLLEGE BOUND STUDENT)**
TRANSCRIBED THROUGH: Not transcribed

This course will cover British works from the Anglo-Saxon Period through the Romantic Age (449-1832). Various aspects of the humanities will be studied through poetry, drama, short stories, and biographies. Each unit is viewed in its historical perspective, and the emphasis is placed on the appreciation of literature. Students will study excerpts from *Beowulf*, The *Canterbury Tales*, as well as other poetry. The novel *Mary, Bloody Mary* serves as a lens to understanding Tudor England, and a Shakespearean play will also be analyzed. Presentations, critical evaluation and analytical papers will be required.

BRITISH LITERATURE II

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: "C" OR HIGHER IN ENGLISH II **(RECOMMENDED FOR COLLEGE BOUND STUDENT)**
TRANSCRIBED THROUGH: Not transcribed

This course will cover British works from the Victorian Era to the Contemporary Era (1833-present). Various aspects of the humanities will be studied through poetry, drama, short stories, and biographies. Students will explore the progress and decline of the Victorian era while studying a novel of Charles Dickens. George Bernard Shaw's *Pygmalion* and William Golding's *Lord of the Flies* will be analyzed while examining the modern period. Each unit is viewed in its historical perspective, and the emphasis is placed on the appreciation of literature. Presentations, critical evaluation and analytical papers will be required.

PROFESSIONAL MULTIMEDIA COMMUNICATIONS I

GRADES: 11, 12 (23 STUDENT LIMIT)
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: Computer Essentials is required
TRANSCRIBED THROUGH: Not transcribed

This is an advanced level course where emphasis will be put on professional writing (proper grammar, NO mechanical errors, correct word choice, organization, ideas, and appropriateness.) The course will include reading of *The One Minute Manager* and *Teenagers Preparing for the Real World*, two books that discuss goals, making business contacts, and preparing for your future. This class will learn video editing, and individuals will create their own productions. Professional writing styles will be enhanced by the use of modern technology in Prezi, classroom blogs, web pages, and Photoshop. A short unit on advertising layout will allow students to design publications. Students will develop an electronic personal portfolio that will highlight the skills developed in this class.

This class will be team taught by the English department and the Business and Computer Education Department.

COMMUNICATING EFFECTIVELY

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE / COREQUISITE: English III
TRANSCRIBED THROUGH: NWTC - Communicating Effectively #31-801-386, 1 Credit

This class focuses on interpersonal communication, including the function of interpersonal communication, listening techniques, perception, non-verbal communication, language, self-concept, conflict resolution and customer service. The course will rely heavily on speaking, listening and role-playing skills, as well as written assignments and unit tests.

ENGLISH LITERACY

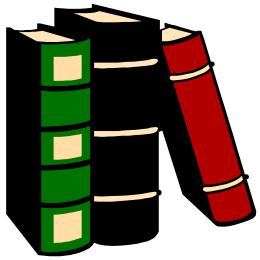
GRADE: 9
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: STUDENTS WILL BE CHOSEN BASED ON LOCAL AND STATE ASSESSMENTS, AND OR TEACHER RECOMMENDATION, THIS CLASS IS FOR TIER TWO STUDENTS ONLY
TRANSCRIBED THROUGH: Not transcribed

This course is designed to improve reading skills. The other portion of the class will focus on comprehension, vocabulary and fluency through reading novels and non-fiction articles.

INTRODUCTION TO FILM ANALYSIS

GRADES: 11,12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: "C" or better average in English II; English Composition or UWGB English is Preferred
TRANSCRIBED THROUGH: Not transcribed

This is a highly analytical course, which challenges students to critically evaluate the conceptualization of dramatic narrative in cinema. Students will explore a diverse range of film techniques such as mise-en-scene, camera work, lighting, costuming, and cinematography as well as various genres of film to analyze the meaning behind the images of our world. We watch films from various time periods, genres, and countries, including Hitchcock's 1960 thriller, Psycho, and the 2011 Hindi musical, Rockstar from India. Students will use his/her analysis of film techniques and styles to compose a variety of essays, including: two expository essays, analyzing mise-en-scene and characterization; an argumentative essay about a more influential director: Alfred Hitchcock or Tim Burton; and a persuasive essay. The final project for this course encapsulates all of the background knowledge about film making and asks students to direct their own film, making specific choices for the costumes, props, lighting, music score, blocking, set, etc.



UWGB WRITING FOUNDATIONS

GRADE: 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITES: 21 or higher on the English portion of the ACT (college bound students), C or better in British Literature or English Composition, 3.25 GPA, no previous class failures, cap of 17 students allowed in class
TRANSCRIBED THROUGH: UNIVERSITY OF WISCONSIN-GREEN BAY (6 CREDITS)—WF 100: FIRST YEAR WRITING; WF 105 RESEARCH AND RHETORIC

This course emphasizes writing appropriately at the college level. It stresses the structure and processes of writing (formulating a thesis, generating ideas, organizing information, planning, drafting, revising, and proofreading) leading up to the final product. Students will analyze their audience, purpose, and genre, and will apply suitable conventions and style. Students will defend their ideas while addressing opposing viewpoints, and when appropriate will incorporate and synthesize material from authoritative sources into their arguments. Essays will adhere to the conventions of Standard Edited American English. There will be a considerable amount of writing both inside and outside of class, and the final weeks of the course will be devoted to two research papers. Attendance on two mandatory class field trips to the UWGB library is required. Students must be admitted to the class through UWGB, which is currently linked to your ACT scores. Cost of tuition and books is determined by UWGB. Students will also have to purchase a UWGB library card.

UWGB SPEECH

GRADE: 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITES: No previous class failures, class rank, GPA, and ACT scores will be used to determine eligibility
TRANSCRIBED THROUGH: UNIVERSITY OF WISCONSIN-GREEN BAY - Comm 133 Fundamentals of Public Address, 3 Credits

This class will help students understand the role of speech in people's attempts to communicate with others. The role of the "sender" and "receiver" of oral communication will be studied along with the different types of speeches. Students will practice and master the preparation and presentation of many speech forms, including informative and persuasive speeches. PLACEMENT IN THE CLASS IS DETERMINED BY PRIOR ACADEMIC PERFORMANCE AND TEACHER RECOMMENDATION PER UWGB GUIDELINES.

SOCIAL STUDIES

UNITED STATES HISTORY

GRADE: 9
REQUIRED
BHS CREDIT: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This is a study of U.S. History from the Constitution through the Great Depression. It focuses on the important people, places and ideas as well as the changes to those main ideas that have shaped our nation. We strive for an in-depth analysis of key events, issues, and people in U.S. history. We study our nation's past not only to develop historical knowledge and related skills, but also to appreciate more fully our responsibilities as free individuals faced with the challenges of shaping the future of our society. Civics will be studied to learn about the rights and obligations of citizenship at the local, state, and national levels throughout our nation's history.

UNITED STATES HISTORY II

GRADE: 10
REQUIRED
BHS CREDIT: 1
PREREQUISITE: UNITED STATED HISTORY
TRANSCRIBED THROUGH: Not transcribed

This class will analyze World History from the end of World War II to the present. What makes it unique is that we will not only be looking at history from the United States' perspective, but we will also be looking at world events from the world's perspective.

AP EUROPEAN HISTORY

GRADES: 11, 12
ELECTIVE
BHS CREDIT: 1.5
PREREQUISITE: "C" or better in U.S. History and U.S. History II
(RECOMMENDED FOR COLLEGE BOUND STUDENT)
TRANSCRIBED: Not transcribed

This class analyzes the progress of Europe from the Middle Ages to the end of World War II. Students will understand how the development of Europe led to the advancements of Western society and how European political matters affected the rest of the globe for centuries. Students will analyze such historical periods as the Middle Ages, Black Plague, European Royalties, Renaissance, Reformation, European Colonialism, Scientific Revolution, Industrial Revolution, World War I, and World War II.
Fee required if taking AP Exam.

MODERN POLITICS

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course analyzes the current political atmosphere by investigating the current political issues that guide our society. Units of study include: Government Structures, National Government, State Government, Local Government, Election Issues, Political Spectrum, Political Parties, Electoral Vote, & Hot-Button Issues that shape our news.

WORLD GEOGRAPHY

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

In this class, one will be taking a voyage around the world studying the people, places, and cultures of today's world regions. Issues ranging from destruction of the world's rainforest, to how the Middle Eastern crisis affects the world, to the issues facing women, religious and minority groups are all fair game for discussion in this class. The course is based on reading, researching, group discussion and presentation and is primarily focused on team projects completed in class. To be successful in World Geography, you must come with an open and curious mind and be interested in knowing more about the world and how it affects you.

SOCIOLOGY

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

Why do you and the groups of people around you do what you do? Sociology will help you to understand the answer to that question. Through reading, writing, discussion and group projects, this class explores culture, groups, deviance, social institutions and race issues. Sociology is the science that studies human society and social behavior. Sociologists are mainly interested in social interaction, or how people relate to one another and influence each other's behavior, so sociologists tend to focus on the group rather than on the individual. During this course you will have the opportunity to both learn about how sociologists do their work and what they have discovered along the way, while also using these tools to make your own observations of the groups around you and connect these concepts to your own life. Interested in self-examination? Take this class.

PSYCHOLOGY

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None **(RECOMMENDED FOR COLLEGE BOUND STUDENT)**
TRANSCRIBED THROUGH: Not transcribed

Many people begin their study of psychology without a clear definition or understanding of the subject. They may have images of a laboratory where scientists run rats through mazes, or they may assume that it deals only with abnormal emotional disturbances. These, however, are only small parts of the study of psychology. Psychology provides tools to help us gain insight into our own behavior, as well as our relationships with others. Using reading, discussion and projects, this course enables students to gain knowledge of topics such as perception, motivation, emotion, memory and thought, the brain and behavior, conflict, stress, personality, abnormal behavior, and experimentation. A psychology course can help students better understand themselves and others. This course should be considered by any student who plans on any type of post high school education.

ECONOMICS

GRADES: 11,12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None (**RECOMMENDED FOR COLLEGE BOUND STUDENT)**
TRANSCRIBED THROUGH: Not transcribed

This course will provide students with an introduction to basic economic concepts. Students will understand economic concepts and theories through simulations and real-world events. Students will understand basic economic concepts such as decision-making, free enterprise economic framework, supply and demand, scarcity, competition, labor unions, inflation, business cycles, business types, money and banking, and international trade. This course should be considered by any student who plans on any type of post high school training.

AP PSYCHOLOGY

GRADES: 11, 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITE: "C" or better in U.S. History and U.S. History II
(RECOMMENDED FOR COLLEGE BOUND STUDENT)
TRANSCRIBED THROUGH: Not transcribed

AP Psychology is designed to provide students with the analytical skills necessary to deal objectively with issues in psychology at the collegiate level as well as introduce them to the demands of a college course. This includes higher-level reading skills for textbook readings and resource readings, and a commitment to nightly reading and homework. Students will learn to write effectively using the American Psychological Association (APA) format. Interested students must be prepared for a rigorous academic experience. College credit or advanced placement in college is possible for those students who successfully pass the AP examination offered in spring. Topics parallel those in the one semester Psychology course, but are explored in depth. Students best suited for this are strong readers, have a good memory, are highly motivated, and are open-minded.

Fee required if taking AP Exam.

MYTHOLOGY

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: U.S. History II
TRANSCRIBED THROUGH: Not transcribed

Mythology explores the purpose of myths & tales through the history of Egyptian, Roman, Greek, Arthurian, Norse, Mesopotamian, Chinese, Native American, and other cultures. Students will read various accounts of myths to determine what is important to certain cultures.

MATHEMATICS

ALGEBRA A/B

GRADES: 9
REQUIRED if not taking Algebra
BHS CREDITS: 2
PREREQUISITE: Must be referred by 8th grade teacher
TRANSCRIBED THROUGH: Not transcribed

This course is for students who struggle with math. Students will be required to learn all standards for algebra but over the course of a year in a block. In this course, properties of the set of real numbers are discussed. These properties are used to solve a wide range of problems including solving equations for variables, inequalities, graphing, factoring, rational expressions, and polynomials. The student's ability to explore, conjecture, and reason logically, is enhanced. The primary goal of Algebra is to familiarize the student with algebraic expressions, and their usefulness in solving everyday problems, while developing a positive attitude toward mathematics. A scientific calculator is recommended.

ALGEBRA

GRADES: 9
REQUIRED
BHS CREDITS: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

In this course, properties of the set of real numbers are discussed. These properties are used to solve a wide range of problems including solving equations for variables, inequalities, graphing, factoring, rational expressions, and polynomials. The student's ability to explore, conjecture, and reason logically, is enhanced. The primary goal of Algebra is to familiarize the student with algebraic expressions, and their usefulness in solving everyday problems, while developing a positive attitude toward mathematics. A scientific calculator is recommended.

GEOMETRY

GRADES: 9, 10
REQUIRED
BHS CREDITS: 1
PREREQUISITE: Algebra
TRANSCRIBED THROUGH: Not transcribed

This course is required to graduate and to move on to Advanced Algebra or Math Trades. Knowledge of basic algebraic skills is necessary in order to be successful. Major topics of study include inductive reasoning, basic concepts, geometric construction, polygonal relationships, congruence, circles, area, Pythagorean Theorem, volume, similarity, trigonometry, logic, and geometric proof. A scientific calculator is required.

MATH TRADES 1 AND 2

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Algebra and Geometry
TRANSCRIBED THROUGH: NWTC (4 Credits) – Vocational Math A #10-804-101, 2 credits; Vocational Math B # 10-804-104, 2 credits

Recommended for technical/work bound students. This course is designed for students who are 1) in their last two years of high school and have completed Geometry and Algebra and 2) plan to attend a technical school. Areas of study will include computational and problem-solving skills with application to include a review of algebra, geometry, and statistics. A scientific calculator is recommended. This course transfers to both the welding and CNC programs at NWTC.

ALGEBRA 2

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Algebra and Geometry (C or better)
TRANSCRIBED THROUGH: Not transcribed
This is a problem-solving course designed for students who have been successful in Algebra. Major topics studied include equations and inequalities, polynomials, roots, factoring, quadratic equations, quadratic relations and functions, conics, polynomial functions, rational polynomial expressions, and trigonometric functions. This course is required for admittance to any Wisconsin Public University. A Scientific or higher calculator is recommended.

INTRO TO COLLEGE ALGEBRA

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Algebra 2 (C or better)
TRANSCRIBED THROUGH: Not transcribed
This is a course primarily for seniors who plan to go to college but are not planning to take a high school or college calculus course. The course is designed to prepare the student for a college algebra class. The course focuses on analyzing families of functions, and major topics of study include: Equations and Graphs, Functions, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Systems of Equations, Matrices, and Conics. A TI-84 or higher graphing calculator is recommended.

PRECALCULUS WITH TRIGONOMETRY

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Algebra 2 (C or better)
TRANSCRIBED THROUGH: Not transcribed
This is a course primarily for juniors who will be taking AP Calculus in the senior year, or for seniors who are planning to take calculus in college. Major topics of study include: polynomial and rational functions, exponential and logarithmic functions, sequences and series, trigonometric functions, trigonometric identities and equations. This course is strongly recommended for students who plan to major in science or math. A TI-84 or higher graphing calculator is recommended.

AP CALCULUS

GRADES: 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Precalculus with Trigonometry (C or better)
TRANSCRIBED THROUGH: Not transcribed
AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students also learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students will prepare throughout the year to take the AP Calculus AB Exam in the Spring, in which college credit can be earned. A TI-84 or higher graphing calculator is required.
Fee required if taking AP Exam.

AP STATISTICS

GRADES: 11, 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITE: Algebra 2 (C or better)
(RECOMMENDED FOR COLLEGE BOUND STUDENT)
TRANSCRIBED: Not transcribed

AP Statistics is the high school equivalent of an introductory college statistics course. The course objectives are aligned with the course content from the College Board and will prepare students to take the AP Statistics Exam. Through active discovery and exploration, students will develop essential techniques for analyzing data (graphical and numerical summaries), producing data (surveys, experiments, observational studies, simulations), modeling data (probability, random variables, sampling distributions), and drawing conclusions from data (inference procedures such as confidence intervals and tests of significance). A TI-84 or higher graphing calculator is required.

Fee required if taking AP Exam.

AP COMPUTER SCIENCE

GRADES: 11-12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Algebra 2 (C or better) or teacher approval
TRANSCRIBED THROUGH: Not transcribed

AP Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. The course teaches students the process for designing a piece of software (computer program) which can be used to correctly solve a problem. Throughout the course, students will learn how to design a program that is understandable and adaptable, and students will code, run, test, and debug these programs while simultaneously learning about system reliability and ethical computer usage. Using the Java programming language, students will learn about specific data structures such as primitive data types, strings, classes, lists and arrays, and standard algorithms for operations on these data structures as well as searching and sorting. Students will prepare throughout the year to take the AP Computer Science A Exam in the Spring, in which college credit can be earned.

Fee required if taking AP Exam.

SCIENCES

PHYSICAL SCIENCE

GRADES: 9, 10
REQUIRED
BHS CREDITS: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

Physical science is a course that focusses on three main principles of science: Earth science, chemistry, and physics. This course explores a wide range of topics from introductory chemistry and physics to environmental science and astronomy. Students taking the course can expect to be in the lab every week, doing a variety of investigations. Coursework will also include: projects, note taking, group work, and discussions. This class is designed to focus on topics that are relevant to the students' own lives. Whether we are talking about weather and climate, geology, or balancing chemical equations, students will be working with materials and examples that they will experience in their lives outside of school.

BIOLOGY

GRADES: 9 (if referred by middle school teachers only) and 10, 11
REQUIRED
BHS CREDIT: 1
PREREQUISITE: Successful completion of 8th grade science
TRANSCRIBED THROUGH: Not transcribed

Biology is the study of life, and this class will focus on all aspects of life, from the simplest single celled organisms up to the most complex mammals. The course will cover topics relating to: ecology, cells, cellular processes, genetics, evolution, natural selection, fish, amphibians and reptiles, human body systems, and mammals. Students can expect to work inside the class and in the school forest on a variety of labs and projects. This course also contains two dissection components: a freshwater fish and a fetal pig. Students wishing to opt out of the dissections can do so with a signed form from their parent/guardian if that is a concern.

ADVANCED BIOLOGY

GRADES: 11, 12
Elective
BHS CREDIT: 1
PREREQUISITE: A grade of "C" or above in Biology and completion of Chemistry
TRANSCRIBED THROUGH: Not transcribed

Advanced Biology is recommended for students who are considering advanced college/vocational studies in the life sciences, medicine, biotechnology or other science careers. This is an advanced course that will build upon knowledge and skills learned in Biology. Students can expect to work in the field as well as the classroom to perform a variety of labs and investigations. Topics to be covered include: Wisconsin ecology, environmental studies, human anatomy and physiology, human disorders and diseases, genetics, biotechnology, DNA fingerprinting, and marine biology. This class will include multiple opportunities to participate in wildlife, fish, and plant population studies, along with water quality and pollution studies outdoors. In the classroom, you can expect to work with the same technology that forensic scientists, and nurses, and geneticists use in their careers.

CHEMISTRY

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Algebra and Biology
TRANSCRIBED THROUGH: NWTC – General Chemistry # 10-806-134, 4 Credits

Chemistry is recommended for students who plan to attend college or tech school. This course deals with the properties of matter and the changes that occur in the composition of matter. It begins with a general overview of chemistry and its place in the broad field of science. Included are the following areas: preview to chemistry, atomic structure, chemical equations and formulas, gas laws, chemical energy and equilibrium, acids, bases, and titration. This class is highly recommended for all students who plan to go to college or into a medical-related field. This class is also highly recommended for all students who plan to take Advance Biology or Physics their senior year.

ADVANCED CHEMISTRY

GRADES: 11,12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Chemistry
TRANSCRIBED THROUGH: Not Transcribed

Students will improve and master their experimental and analytical skills through laboratory and problem solving techniques. The topics in this course will include thermodynamics, gas laws, states of matter, structure of atom and molecules, chemical equilibrium, kinetics, chemical reactions, and stoichiometry.

PHYSICS

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Chemistry (C or better) and Advanced Algebra (C or better) recommended
TRANSCRIBED THROUGH: Not Transcribed

This class can be regarded as essential for any pre-engineering or pre-physics course of study and very beneficial for further study in medical related fields, certain mechanical areas, or for someone interested in improving their laboratory techniques or applications of mathematics. The student will get practice in the practical uses of algebra, specifically quadratic equations and trigonometric functions. The metric system of units is used in all course work, the majority of which is made up of student lab work and problem solving. Students will study the areas of translational and rotational kinematics, work, energy, power, conservation of momentum, simple harmonic motion, waves, sound, and light. A heavy emphasis will be on the mathematics of how objects move through the use of various equations. It is helpful that students have been through advanced algebra because of the heavy emphasis of math. However, can take both physics and advanced algebra concurrently.

PHYSICAL EDUCATION

ADAPTED PHYSICAL EDUCATION

GRADES: 6-8, 9, 10, 11, 12
REQUIRED
BHS CREDITS: .5
PREREQUISITE: IEP OR 504
TRANSCRIBED THROUGH: Not transcribed
This course is designed to offer a wide variety of activities that will be adapted to meet the needs of each individual student. The class works specifically with individual development and maintenance of overall student fitness and optimal skill development. The focus will be on basic skills and fundamentals. Students may be involved in fitness related activities which will include; fitness center activities, team and individual sports, outdoor adventure activities, and use of Wii technology.

ADAPTIVE PHYSICAL EDUCATION STUDENT AIDE

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Completion of PE 9, Intro to Trends or Intro to Strength and Conditioning, Students must complete an application and obtain consent from instructor.
Transcribed Through: Not transcribed
This course is designed to offer students the opportunity for a rewarding experience participating and assisting in the adaptive physical education class. Students will be working in small groups with a student(s) who may need extra coaching or assistance. Students are **required** to fill out an application to be considered for this class.
***Students will be expected to dress, participate and work independently daily while respecting classroom guidelines. Failure to do so may result in the student being removed from the class**

INTRODUCTION TO PHYSICAL EDUCATION

GRADES: 9, 10, 11
REQUIRED
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
This course will expose students to a wide variety of activities that will promote lifetime fitness and recreational opportunities. The course will focus on fitness testing and the basic fundamentals, skills, rules and etiquette necessary to be successful in each activity. Students may be introduced to the following activities; Pre and Post Fitness Testing, Individual Sports, Team Sports, Trends in Fitness Concepts, Strength and Conditioning Concepts, Outdoor Adventure Concepts.

INTRODUCTION TO STRENGTH AND CONDITIONING

GRADES: 9,10, 11, 12
REQUIRED or Intro to Trends in Fitness
BHS CREDITS: .5
PREREQUISITE: Completion of Introduction to PE
TRANSCRIBED THROUGH: Not transcribed
This is an introductory course in basic weight training knowledge and techniques. Students will train on various weight training machines, free weights, bands, balls, and plyometrics to enhance levels of strength, flexibility, coordination and endurance. Students will also be trained in alternate strength and conditioning techniques. Students will learn what training techniques and systems need to be explored to design a fitness program. Students will ultimately understand why strength training is an important component in physical fitness and how strength training can enhance one's well-being.

INTRODUCTION TO TRENDS IN FITNESS

GRADES: 9,10, 11, 12
REQUIRED or Intro to Strength and Conditioning
BHS CREDITS: .5
PREREQUISITE: Completion of Intro to PE
TRANSCRIBED THROUGH: Not transcribed
This course will allow students to experience new and current trends in fitness in mind body fitness, cardiovascular fitness, muscular fitness, flexibility, lifetime activities and aerobic dance. Students will participate in different fitness activities that will help them reach personal goals. Students will also examine their own diet, analyze the newest diet and health trends, experience techniques to better manage their stress. Students will ultimately understand the importance of living a healthy lifestyle.

INTRODUCTION TO YOGA

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Completion of Intro to PE
TRANSCRIBED THROUGH: Not transcribed
This course is designed to introduce students, safely and accessibly, to the basic postures, breathing techniques, and relaxation methods of yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day to-day life. The aim of this course is to promote reduced stress and to help with overall health and well being.

ADVANCED STRENGTH AND CONDITIONING

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Completion of Intro to PE & Intro to Strength and Conditioning
TRANSCRIBED THROUGH: Not transcribed
This advanced strength and conditioning course will allow students to take their fitness to a whole new level. Students may participate in a variety of activities, such as weight training machines, free weights, bands, balls, and plyometrics. Students will analyze their health and fitness needs, and design a personal fitness program to meet their goals. Students will also examine ways to incorporate stress management and better nutrition into their wellness plan. Students may also learn how to instruct group exercise classes. Students will ultimately demonstrate the importance of living a healthy lifestyle.
***Students will be expected to dress, participate and work independently daily while respecting classroom guidelines. Failure to do so may result in the student being removed from the class**

ADVANCED TRENDS IN FITNESS

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Completion of Intro to PE & Intro to Trends in Fitness
TRANSCRIBED THROUGH: Not transcribed
This advanced fitness course will allow students to take their fitness to a whole new level. Students will participate in a variety of advanced level fitness activities. Students will analyze their health and fitness needs, and design a personal fitness program to meet their goals. Students will also examine ways to incorporate stress management and better nutrition into their wellness plan. Students may also learn how to instruct group exercise classes. Students will ultimately demonstrate the importance of living a healthy lifestyle.
***Students will be expected to dress, participate and work independently daily while respecting classroom guidelines. Failure to do so may result in the student being removed from the class**

INDIVIDUAL SPORTS IN PHYSICAL EDUCATION

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Completion of Introduction to PE **and** either Intro to Strength and Conditioning **or** Intro to Trends in Fitness
TRANSCRIBED THROUGH: Not transcribed
This course is designed to allow students to work on a variety of individual lifetime activities. The focus will be on recreation and general wellness. Students may be involved with the following activities; bowling, archery, badminton, tennis, table tennis, bocce ball, golf, biking, pickle ball, fitness walking, cross country skiing.

TEAM SPORTS IN PHYSICAL EDUCATION

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Completion of Intro to PE **and** either Intro to Strength and Conditioning **or** Intro to Trends in Fitness
TRANSCRIBED THROUGH: Not transcribed
This course is designed to offer a wide variety of activities that lead to lifetime fitness. Basic skills and fundamentals will be addressed. The focus will be on rules, strategies and teamwork. Students may be involved in the following activities: basketball, volleyball, soccer, softball, flag football, ultimate Frisbee, speedball, floor hockey, team handball, eclipse ball, kickball, broomball, lacrosse and Nerf games.

HEALTH

HEALTH EDUCATION

GRADES: 9
REQUIRED
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course will provide the students with skills, knowledge, and attitudes to make healthful decisions in their daily lives. Students will develop the skills necessary for locating, evaluating, and using community resources available to promote, protect and enhance their health. Students will utilize decision-making and analysis techniques to promote use of health-related products and services, including those dealing with insurance, environmental health issue, and health-related laws. Students will learn the interrelationship of physical health, mental and emotional health, and social health and will use those principles in developing personal health plans. Students will develop skills needed to manage stress and conflict in their personal lives. Students will learn to appreciate the interrelationships of career and family roles, responsibilities, and family harmony. Among other topics to be covered are exercise, nutrition and diet, eating disorders, chronic disorders, tobacco, alcohol, drug problems, social media safety, athletic training, injury prevention, and first aid.

WORK EXPERIENCE

YOUTH APPRENTICESHIP

GRADE LEVEL: 11, 12
ELECTIVE
BHS CREDITS: 1 credit per term, up to 4 credits per year
PREREQUISITE: Apply through School-to Work Coordinator---See School Counselor for more information
TRANSCRIBED THROUGH: Not transcribed

Wolf River School to Work Youth Apprenticeship is a one or two year program for high school juniors and seniors combining instruction (both high school and college) and paid on-the-job training. Students gain a set of skills and abilities by learning in the classroom and in a work setting. Benefits students gain from the program are getting a head start on their career planning, learning skills related to a job they may want in the future, build up resume for college applications and career portfolios, and upon completion earn the state recognized Certificate of Occupational Proficiency.

Students can work towards building a meaningful career in the following program areas: Agriculture, Auto Collision, Auto Technology, Drafting Design/Engineering, Financial Services, Health Services, Information Technology, Manufacturing/Machining, and Graphic Design/Printing.

To apply students must fill out the application for the YA program. Applications can be picked up in the guidance office or contact WRSTW program director. Students will need to fill out application, get two recommendations, write a short essay (250 words), and a letter of support from a parent/guardian. (All of these materials/instructions are provided in the application)

CERTIFICATES

ENGINEERING HELPER Certificate - NWTC

Electro-Mechanical Technology prepares students for employment as plant-floor and field service technicians who assemble, install, troubleshoot, repair and modify mechanical, electrical systems; including programmable controllers found on industrial machinery. AUTOMATION 1: CONTROL LOGIC – Electric motor control components such as switches, relays, starters, transformers; and safely mount and install motor and motor control components and perform related wiring and troubleshooting of motor control circuits. AUTOMATION 2: MOTOR CONTROL – Electric motor control components such as sensors, timers and counters. MOTOR CONTROL & FLUIDS 1: BASIC PNEUMATICS - What fluid power is, differentiate between hydraulics and pneumatics, implement basic pneumatic circuits, utilize schematics, apply Pascal's Law, define properties of fluids, implement airflow control and hydraulics cylinder circuits. DC 1: INTRODUCTION – Introduction to the concepts of DC electricity and simple series circuits. Voltage, current, resistance, Ohm's Law, power and Kirchoff's Voltage Law are defined.

YOUTH APPRENTICESHIP (YA) Certificate of Occupational Proficiency

The Department of Workforce Development awards a Certificate of Occupational Proficiency to students who successfully complete the requirements of the Youth Apprenticeship program. The Certificate shows that the student has mastered a comprehensive series of skills related to a specific career pathway, which employers in that pathway have deemed critical to entry-level skilled employment.

CNC HELPER Certificate - NWTC

Completion of the BHS CNC Fundamentals course which includes 3 NWTC credits: Intro to CNC Milling Operations, Intro to G-Code and CAM. Students will learn to operate computer controlled lathes and milling machines, basic programming operations on computer aided manufacturing (CAM) systems, and fundamental programming of computer numerically controlled (CNC) machines. Completion of these four credits will earn the student the CNC Helper Certificate through NWTC which will provide students entry level skills in a CNC career area.

CERTIFIED NURSING ASSISTANT

GRADE LEVEL: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISTE: MUST BE 16 YEARS OLD TO TAKE THE CLASS AND HAVE SATISFACTORY BACKGROUND CHECK
TRANSCRIBED THROUGH: NWTC – Nursing Assistant #30-543-300, 3 Credits

The Nursing Assistant program prepares students for employment as nursing assistants. The program also prepares Nursing Assistant students with some of the skills needed for the first semester of the Nursing program. During the 120 hour course, students will be required to demonstrate the following skills under the supervision of a licensed nurse: communication, basic nursing assistant and personal care skills, attention to client's rights; and care of clients with dementias. The program is recognized by the Wisconsin Department of Health Services as a nurse-aide training program. Upon successful completion of the program, the student is eligible to take the Wisconsin Nursing Assistant competency evaluation for employment in nursing homes, hospitals, home health agencies, hospices, CBRF's, assisted living centers and homes for the developmentally disabled.

Off Campus College Credit Offerings

PRACTICAL NURSING PROGRAM
GRADE LEVEL: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISTE: None
TRANSCRIBED THROUGH: NWTC 1 Year Technical DIPLOMA

Practical Nursing graduates work in hospitals, nursing homes, clinics, community health agencies, and private homes. They give bedside care to patients whose conditions are relatively stable and assist the Registered Nurse or doctor in the care of the acutely ill person.

- High School students that begin as Juniors graduate high school in Spring and complete 2 additional semesters to complete Technical Diploma in Practical Nursing.
- Career Pathway
  - CNA ➡ Practical Nursing Degree ➡ R.N. Associate Degree
- To remain in the Early College Program, students must meet all NWTC and BHS academic expectations. These include NWTC Practical Nursing course of study standards.
- Bonduel High School graduation requirements must be met and individualized scheduling will be provided to ensure the graduation requirements are met.
- NWTC will provide an academic advisor for the Practical Nursing program. The academic advisor will provide academic and program support. Examples are setting up academic coaching and tutoring. It is the responsibility of the students to communicate with the academic advisor when assistance is needed or specific questions need to be answered.
- Bonduel High School Counselor will assist the students and parents/guardians with questions and support for program success.

STUDENT ASSISTANTS

"STARS" PROGRAM
GRADE LEVEL: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED: Not transcribed

This course is designed similar to a work experience. Students who are interested in assisting other students (Pre K-High School) in academic, social, and emotional growth should take this course. Participants will work with specifically identified students or work with the whole classroom and will serve as role models, mentors, and social supports for these students. "STARS" participants will learn and be evaluated on setting goals, managing conflict, understanding diversity and different learning styles, and developing positive relationships with children and adults. Students are required to meet with their assigned students one class period per day or assigned by the teacher in the classroom.

AGRICULTURAL EDUCATION

PLANTS, ANIMALS, FOOD, & YOU

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
The course name says it all. In this class you will learn about the top plants grown in the world, the top animals raised in the world, and the top foods consumed in the world. You will work in the greenhouse, in the aquaculture center and visit local agricultural businesses. Finally, you will learn about many of the opportunities in FFA and how you can achieve your goals in life.

SMALL ANIMAL/COMPANION ANIMAL VETERINARY SCIENCE

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
This class covers the care of companion animals including dogs, cats, and horses. You will learn about breeds, handling, training, diseases, reproduction, and nutrition. Hands-on veterinary science experiences include: suturing, injections, and observing vital signs. You will travel to the local vet clinic to observe surgery. Anyone who owns or plans to own a pet or obtain a career in the veterinary or animal science fields will benefit by taking this course.

LARGE ANIMAL VETERINARY SCIENCE

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
Learn about livestock animals raised for food and clothing. You will explore dairy, beef, sheep, and swine production and study their digestion, nutrition, genetics, reproduction, and anatomy. You will identify and sample a variety of animal products (meats, cheese, and milk). You will travel to a local farm to participate in animal reproduction activities. Anyone who owns or plans to own a pet or obtain a career in the veterinary or animal science fields will benefit by taking this course.

PLANT SCIENCE

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
In plant science you will examine plant growth and management by conducting many experiments and raising a variety of plants in the greenhouse. Lab activities include: growing poinsettias, geraniums, and vegetable seedlings, seed germination, cuttings, tissue culturing, growing hydroponic vegetables, manipulating plant growth, and plant identification. *Students taking this course will receive 1 credit of science upon the successful completion of this class.*

FOOD SCIENCE AND PROCESSING

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course addresses the processing of raw products into finished food ready for the consumer to prepare and eat at home. It provides hands-on activities for students to observe the application of science used in the development, preservation, and production of our food products. Current information about food science careers and options for careers within the food industry will be integrated into the course. This course contains both food experiments and food lab activities.

LANDSCAPING

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

Merge science and art as you study the principles of design and create a variety of appealing and environmentally-friendly landscapes. You will build retaining and seating walls and will design, install, and maintain landscape projects around the school and community. If you plan to own a home, you will benefit from this course.

NATURAL RESOURCES

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

Come and join us as we explore the great outdoors! This class will provide an understanding of our natural resources and the need to conserve them. You will be involved with hands-on projects investigating forestry production, stream flow, water quality, soils, land measurement, and wildlife management. The school forest will be used extensively for many of our activities. *Students taking this course will receive 1/2 credit of science upon the successful completion of this class.*

AQUACULTURE

GRADES: 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

In aquaculture you will learn how to raise and manage fish to reach market size using the latest aquaculture techniques. Learn to identify aquaculture species, learn the common diseases and problems encountered in the industry, and learn how to design aquaculture facilities. Hands-on activities include: regularly catching and weighing fish, calculating their growth rate and feeding levels, and evaluating water quality.

BUSINESS AND INFORMATION TECHNOLOGY

INTRODUCTION TO BUSINESS

GRADES: 9, 10
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

We all interact with businesses through the products we buy, the advertisements we see and hear, and the services available to us. Most of us will at one time or another work for private businesses or maybe even run one. Students will learn the elements of starting and operating a business. Emphasis will be placed on developing a business plan, financing, marketing, advertising, and managing that business. Through projects and activities, students will study various departments within business, understand the business transactions that take place within each department, and be familiar with the numerous business careers available to them.

INTRODUCTION TO MARKETING

GRADE: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

Students in this class will focus on fundamentals of Marketing such as a marketing plan, target marketing, preparing for and closing a sale, understanding promotional strategies and visual displays, channels of distribution, pricing strategies and planning, basic market research, product planning, branding, packaging, and labeling, and developing product features. Fundamental concepts of advertising will be explored. Marketing projects will be used to enhance concept learning such as developing a candy bar concept (including creating a commercial) and developing a promotional mix for a company.

SPORTS & ENTERTAINMENT, ADVERTISING AND MARKETING PROMOTIONS

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: Introduction to Marketing
TRANSCRIBED THROUGH: Not transcribed

Advanced study of marketing concepts and promotions. Emphasis will be on the sports and entertainment industry, advertising, promotional mix, event planning, and product development/promotion. Students will have the opportunity to create and execute an activity at a school event. Exploration of sponsorships and promotions in the sports and entertainment industry will be emphasized. Class will culminate in creation of a sports franchise or entertainment venue/event.

BUSINESS MANAGEMENT

GRADES: 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This is a specialized business course designed to introduce students to today's critical business management concepts and principles in a realistic manner. Students will learn about the business environment, forms of business ownership, E-commerce and communications, management responsibilities, financial management, production and marketing management, and human resources management. Also, emphasis will be on developing organizational skills, supervisory techniques, leadership qualities, interpersonal skills, and communicative knowledge. Students will participate in a Junior Achievement program with emphasis on running a business simulation. This simulation will culminate with a competitive business challenge and the opportunity to win a scholarship.

BUSINESS and PERSONAL LAW

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers, employers, and employees. Course content includes the origin of law, the court systems, criminal and civil law, rights and duties, basic contracts, consumer protection, insurance, negotiable instruments, employer-employee relations, and affairs affecting property such as ownership, transfer, landlords and tenants, wills and estates, and community property. This course will give students a better understanding of the need for laws and controls in our society. Guest speakers and a tour to the Brown County Court House provide a better, more realistic understanding of the law.

PERSONAL FINANCE

GRADES: 11, 12
REQUIRED
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course is designed to develop students' abilities to make wise financial decisions and choices in the areas of budgeting, record-keeping, insurance, transportation, money management, credit, and banking services. Students will be completing a federal income tax return and become familiar with other relevant tax forms. Financial skills are also developed by studying banking services, consumer purchases, money management, and investments. Students will develop a better understanding of American business, the economy, marketing, and consumer protection. Students will develop the financial skills necessary to ensure they make the best decisions both personally and professionally. This course is most valuable for every student regardless of his or her career choice. All students will participate in a Reality Day event which runs them through a typical month of living and personal finance experiences.

ACCOUNTING I

GRADES: 11, 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not Transcribed

This course provides an understanding of the basic principles of the double-entry bookkeeping system. The entire business cycle for a sole proprietorship is studied in detail. Areas of emphasis include: recording transactions in a journal; posting to ledgers; cash control systems; preparing work sheets and financial statements; closing and adjusting entries; accounting for purchases and sales; payroll, and payroll taxes; checking accounts; and bank reconciliations. Various practice sets and simulations are used for real world applications. Guest speakers and real-world situations also enhance the class experience.

ACCOUNTING II

GRADES: 11, 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITE: ACCOUNTING I
TRANSCRIBED THROUGH: NWTC Accounting 1 #10-101-110, 4 Credits

A continuation of the principles of accounting are covered in this course. Focus is placed on accounting for partnerships and corporations. Areas of emphasis include: uncollectible accounts receivable; adjusting entries and trial balance; financial statements for a corporation and partnership; assets and depreciation; inventory; accruals, deferrals, and reversing entries; and end of fiscal period work for a corporation. Exploration of spreadsheets and computer based accounting applications are introduced and studied.

COMPUTER ESSENTIALS

GRADES: 9 , 10, 11, 12
REQUIRED
BHS CREDIT: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: NWTC (2 Credits) Microsoft Excel-Intro #10-103-131, 1 Credit; Micro: Word Intro #10-103-121, 1 Credit

This course is designed to introduce students to the useful applications of Microsoft Office Word 2016 and EXCEL 2016. Students will learn how to produce, edit, format, and use Word documents which is a word processing application within Microsoft Office. In addition, students will become skilled at how to create and format workbooks and worksheets, use formulas and functions within a workbook, manage data using sorts and filters, and create and utilize charts in Excel. Special attention will be given to file management and the organizational skills needed to effectively manage files. This class will provide students will hands-on technology experience essential to a successful high school and post high school experience.

WEB PAGE DEVELOPMENT & DESIGN

GRADES: 10, 11, 12
ELECTIVE
BHS CREDIT: 1
PREREQUISITE: COMPUTER ESSENTIALS
TRANSCRIBED THROUGH: Not transcribed

This course provides students with a variety of ways to create and maintain web pages. The students will focus on the overall production process with particular emphasis on design elements involving layout, navigation, and interactivity. HTML basic programming language and programs such as Dreamweaver, Flash, Fireworks, MS Word, Adobe, and Photoshop are utilized, and students are provided with opportunities to increase their communication, teamwork, and critical thinking skills.

DESKTOP PUBLISHING

GRADE LEVELS: 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: COMPUTER ESSENTIALS
TRANSCRIBED THROUGH: Not transcribed

Students will be able to create page design, integrate text and graphics from other software programs, edit the copy, adjust the graphics and add design touches to produce professional-quality documents quickly and easily. Students will gain an understanding of the program's structure and concepts while developing their skill in page design with memos, brochures, fliers, order forms, stationery, business cards, calendars, newsletters, web pages, etc.

IT: SUPPORT: HELP DESK /END USER SUPPORT I

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: COMPUTER ESSENTIALS
TRANSCRIBED THROUGH: Not transcribed

Learn the role of the help desk in technology support, use terminology, processes, and demonstrate the use of business, technical, communication, and self-management skills required for help desk support professionals. Students will also learn how to work with the computer hardware, software, and other equipment/devices provided by the Bonduel School District and local Business. They will also be working directly with the Technology Staff; ie., One-to-One Coordinator, Technology Director, and Network Director for the Bonduel School District.

IT: SUPPORT: HELP DESK /END USER SUPPORT II

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: IT: SUPPORT: HELP DESK/END USER SUPPORT I
TRANSCRIBED THROUGH: Not transcribed

Students will continue where you left off with IT Help Desk 1. They will learn more information in advanced computer knowledge, hardware/software support, and work directly with school district equipment. Learn the role of the help desk in technology support, use terminology, processes, and demonstrate the use of business, technical, communication, and self-management skills required for help desk support professionals. Students will also learn computer network terminology, component identification, computer/peripheral configuration and maintenance, basic operating systems concepts and installations, and more advanced troubleshooting skills. Students will continue to work directly with the Technology Staff; ie., One-to-One Coordinator, Technology Director, and Network Director for the Bonduel School District.

TECH INTERN

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: IT: SUPPORT; HELP DESK/END USER SUPPORT I
TRANSCRIBED THROUGH: Not transcribed

Upon completion of IT Helpdesk 1, students will be given the opportunity to work in the Help Desk area for the Bonduel School District. They will work directly with the Technology Department troubleshooting ticket orders, maintaining hardware and software components, and work with other various technology equipment provided by the Bonduel School District.

PROFESSIONAL MULTIMEDIA COMMUNICATIONS I

GRADES: 11, 12 (23 STUDENT LIMIT)
ELECTIVE
BHS CREDIT: .5
PREREQUISITE: Computer Essentials is required
TRANSCRIBED THROUGH: Not transcribed

This is an advanced level course where emphasis will be put on professional writing (proper grammar, NO mechanical errors, correct word choice, organization, ideas, and appropriateness.) The course will include reading of *The One Minute Manager* and *Teenagers Preparing for the Real World*, two books that discuss goals, making business contacts, and preparing for your future. This class will learn video editing, and individuals will create their own productions. Professional writing styles will be enhanced by the use of modern technology in Prezi, classroom blogs, web pages, and Photoshop. A short unit on advertising layout will allow students to design publications. Students will develop an electronic personal portfolio that will highlight the skills developed in this class.

This class will be team taught by the English department and the Business and Computer Education Department.

AP COMPUTER SCIENCE

GRADES: 11-12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Advanced Algebra (C or better) or teacher approval
TRANSCRIBED THROUGH: Not transcribed

AP Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. The course teaches students the process for designing a piece of software (computer program) which can be used to correctly solve a problem. Throughout the course, students will learn how to design a program that is understandable and adaptable, and students will code, run, test, and debug these programs while simultaneously learning about system reliability and ethical computer usage. Using the Java programming language, students will learn about specific data structures such as primitive data types, strings, classes, lists and arrays, and standard algorithms for operations on these data structures as well as searching and sorting. Students will prepare throughout the year to take the AP Computer Science A Exam in the Spring, in which college credit can be earned.

Fee required if taking AP Exam.

WEBSITE CODING

GRADES: 11-12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Advanced Algebra (C or better) or teacher approval
TRANSCRIBED THROUGH: NWTC (3 credits)

Website Coding is an NWTC transcribed credit course in which students will learn to create code for generating the structure, function, and design of static websites using standards-based HTML5 and CSS3. Throughout the course of study, students will explore Internet and Web Basics to create a web page, create hyperlinks among web pages, use web standards to organize a site, evaluate best practices for web design, and use CSS to affect the presentation layer of a website. Once basic web coding practices are learned, students will learn about web graphics and then learn to position elements using CSS, develop a structured and styled table for tabular data, create an HTML form, add media and interactivity to a web page, and publish a website. Students will create a final capstone project website from scratch which utilizes the concepts learned throughout the course.

FINE ARTS

BAND

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Mastery of basic note reading and band instrument performance skills
TRANSCRIBED: Not transcribed
The Bonduel High School Band is a musical organization with many different forms and functions. It is a marching band, concert band, pep band, jazz band, and sometimes the individual student-musician is a soloist. The main goal of the band program is to help students to learn to appreciate, understand, and perform music. This is mainly accomplished through an active performance schedule including many performances yearly. Band members are especially encouraged to develop their own musical talents and interests.

CONCERT CHOIR

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Basic skills of note reading and vocal performance skills
TRANSCRIBED: Not transcribed
Concert Choir is open to anyone wishing to gain a creative approach in learning choral music and understanding music as a fine art. Concert Choir will study standard classic literature, as well as, music from other cultures and genres. Members of the Concert Choir will perform in several concerts throughout the year. The goal in choir is that every student will: Be provided the opportunity to excel and grow musical talents and interests in a safe learning environment and receive a quality musical experience. Students will demonstrate growth in: singing and performance skills, music comprehension, developing positive social and performance skills and learning to adapt one's needs to help meet the needs of the choir as a whole and each individual.

MUSIC APPRECIATION

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED: Not transcribed
This is a non-performing class. Emphasis is placed on the integration of comprehensive music studies. Students will increase their knowledge of music vocabulary, musicals, world music, eras of music, and composition. The goal in Music Appreciation is that every student will be provided the opportunity to excel and grow musical interests in a safe learning environment, and receive a quality musical experience. Students will demonstrate growth in: music comprehension, developing positive social skills, learning to appreciate different cultures and styles of music. After fulfilling the first three, students can customize the class to their musical interests.

SHOW CHOIR/VOCAL JAZZ

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Audition
TRANSCRIBED: Not transcribed
Show Choir and Vocal Jazz are open to students who would like to explore the genres of pop, rock, music theatre, jazz, a cappella, and beyond. Members must go through an audition process which includes singing a vocal selection, learning a short dance routine, and having a character reference form completed. The group will meet outside of the school day during the first half of the year. During 3rd quarter, the show choir/vocal jazz block will be utilized to prepare for solo & ensemble festival and the show choir revue.

ART 101: INTRO TO ART

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This is an introductory level class that explores a wide variety of media and techniques in art including 2 pt. perspective drawing, acrylic paint techniques, color theory, printmaking and ceramics. Students learn how to use the elements and principles of art when creating original compositions. This course also introduces students to the vocabulary of art, students are quizzed on vocabulary and expected to participate in class critiques and presentations. This course is the pre-requisite for all other art courses, if you are interested in the arts I strongly recommend you take this course.

ART 201: PAINTING

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art
TRANSCRIBED THROUGH: Not transcribed

In this course students will explore a wide variety of painting materials and techniques. The course begins with painting exercises in watercolor and acrylic techniques. Students move on to studying popular artists and art styles throughout history while also creating art in those particular styles. Students will gain practice and skill in watercolor, acrylic, tempera and oil painting. Assignments include, and are not limited to, portrait painting, landscape, still life, abstract, and ceiling tile design. Paper, paints and brushes are provided. Students may choose to purchase stretched canvas for working with oils and for a higher quality finish with each assignment.

ART 202: SCULPTURE AND CERAMICS

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art
TRANSCRIBED THROUGH: Not transcribed

This class explores the various materials used to create sculptures and three dimensional art, which include plaster, wire, stone, clay, cement and paper mache. Students learn how to manipulate these materials and use sculpting tools safely. Students will gain experience and practice in both additive and subtractive sculpture techniques. Students analyze other works of sculpture through reading, discussion and critique and examine geometric, abstract and organic forms.

Most of the supplies and materials needed for this course are provided however students will be asked to bring in or purchase many additional items.

ART 204: GRAPHIC DESIGN AND PHOTOGRAPHY

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art
TRANSCRIBED THROUGH: Not transcribed

In this class you will learn the theories of graphic design while designing and producing several real-world projects. Students focus on using the principles of art and design while learning to use Adobe illustrator and Photoshop. This course also introduces the aesthetic theories and techniques of digital photography. Topics include composition, lighting, creativity, and image editing software and photo manipulation. This course introduces the interaction of text and image and the components of graphic communication.

A basic understanding of technology and comfort with computer use is suggested for this course.

ART 205: ILLUSTRATIVE DRAWING AND PRINTMAKING

GRADE/S: 9, 10, 11, 12
ELECTIVE
BHS CREDIT/S: .5
PREREQUISITE: Art 101: Intro to Art
TRANSCRIBED THROUGH: Not transcribed

This is a foundational 2-D art course which focuses on basic techniques such as perspective, observation, grid design, stippling and shading. Some or all of the media used are charcoal, graphite, colored pencils, cray-pas, chalk, and ink. Students will learn the process of printmaking utilizing a variety of techniques including linoleum carving. Students will be required to demonstrate their knowledge of the art elements and principles of design both through their visual compositions and also through reading, discussion and critique.

ART 206: FIBERS

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art
TRANSCRIBED THROUGH: Not transcribed

This class introduces students to a variety of fiber materials. We begin with a research project and presentation of the history of fashion. Student will then learn the basic use and design of fabric patterns, learn to use the sewing machine, how to knit, and how to weave. Students will also integrate their skills in sewing with sculpture and language arts when designing and creating a puppet and performance.

Most of the supplies and materials needed for this course are provided however students will be asked to bring in or purchase many additional items such as yarn, fabric, buttons, knitting needles to name a few.

ART 301: ADVANCED PAINTING

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art, Art 201 (with a grade of "C" or higher)
TRANSCRIBED THROUGH: Not transcribed

Advanced painting class is for students who have a special interest and talent in this particular field of art, especially if you are considering taking college level art courses or going into an art related field after graduation. Advanced students must have received a "C" average or higher in the beginning level course.

ART 302: ADVANCED SCULPTURE AND CERAMICS

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art, Art 202 (with a grade of "C" or higher)
TRANSCRIBED THROUGH: Not transcribed

Advanced Sculpture and Ceramics class is for students who have a special interest and talent in this particular field of art, especially if you are considering taking college level art courses or going into an art related field after graduation. Advanced students must have received a "C" average or higher in the beginning level course.

Advanced students must write an Artist Statement and complete an Independent Educational Plan which includes their intent, objectives and goals they will accomplish during the course in addition to what techniques and mediums they will primarily work with such as clay, wire, plaster etc. Students will be given 9 assignments in which they will complete by the given due date. The subject matter of these assignments entirely depends on the individual student's plan. Advanced students may also be called upon to assist beginning level students in the classroom.

ART 304: ADVANCED GRAPHIC DESIGN AND PHOTOGRAPHY

GRADE/S: 10, 11, 12
ELECTIVE
BHS CREDIT/S: .5
PREREQUISITE: Art 101: Intro to Art, Art 204 (with a grade of "C" or higher)
TRANSCRIBED THROUGH: Not transcribed

Advanced Graphic Design class is for students who have a special interest and talent in this particular field of art, especially if you are considering taking college level art courses or going into an art related field after graduation. Advanced students must have received a "C" average or higher in the beginning level course.

Advanced students must write an Artist Statement and complete an Independent Educational Plan which includes their intent, objectives and goals they will accomplish during the course in addition to what techniques and mediums they will primarily work with. Students will be given 9 assignments in which they will complete by the given due date. The subject matter of these assignments entirely depends on the individual student's plan. Advanced students may also be called upon to assist beginning level students in the classroom.

ART 305: ADVANCED ILLUSTRATIVE DRAWING AND PRINTMAKING

GRADE/S: 10, 11, 12
ELECTIVE
BHS CREDIT/S: .5
PREREQUISITE: Art 101: Intro to Art, Art 205 (with a grade of "C" or higher)
TRANSCRIBED THROUGH: Not transcribed

Advanced Drawing and Illustration class is for students who have a special interest and talent in this particular field of art, especially if you are considering taking college level art courses or going into an art related field after graduation. Advanced students must have received a "C" average or higher in the beginning level course.

Advanced students must write an Artist Statement and complete an Independent Educational Plan which includes their intent, objectives and goals they will accomplish during the course in addition to what techniques and mediums they will primarily work with such as charcoal, pastel, ink, or cray-pas. Students will be given 9 assignments in which they will complete by the given due date. The subject matter of these assignments entirely depends on the individual student's plan. Advanced students may also be called upon to assist beginning level students in the classroom.

ART 306: ADVANCED FIBERS

GRADE/S: 10, 11, 12
ELECTIVE
BHS CREDIT/S: .5
PREREQUISITE: Art 101: Intro to Art, Art 206 (with a grade of "C" or higher)
TRANSCRIBED THROUGH: Not transcribed

Advanced Fibers class is for students who have a special interest and talent in this particular field of art, especially if you are considering taking college level art courses or going into an art related field after graduation. Advanced students must have received a "C" average or higher in the beginning level course.

Advanced students must write an Artist Statement and complete an Independent Educational Plan which includes their intent, objectives and goals they will accomplish during the course in addition to what techniques and mediums they will primarily work with such as weaving, knitting or sewing. Students will be given 9 assignments in which they will complete by the given due date. The subject matter of these assignments entirely depends on the individual student's plan. Advanced students may also be called upon to assist beginning level students in the classroom.

ART 400: ART INTERN

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Art 101: Intro to Art, a beginning level and advanced level art course
TRANSCRIBED THROUGH: Not transcribed

The Art Intern position is for someone who is considering going into an art related field particularly Art Education. The Art Intern should have received a "C" or higher in both the beginning and the advanced level course they choose to intern with. The job responsibilities include designing and teaching at least 3 lessons, assisting students with projects on a daily basis, maintain and update the art room website and complete at least 2 projects of their own.

FOREIGN LANGUAGE

SPANISH I

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: A "C' average or better in English or instructor's approval
TRANSCRIBED THROUGH: Not transcribed

Spanish I introduces students to language basics and culture. Unit themes include friends, school, family, shopping, home life, and sports. Pronunciation, functional vocabulary related to thematic units, cultural information and basic grammatical structures are stressed. Emphasis will be on the acquisition of four skills: listening, speaking, reading and writing. The purpose of Spanish I is to give the students the ability to carry on a simple conversation in the target language.

AT LEAST TWO YEARS OF ONE FOREIGN LANGUAGE IS RECOMMENDED FOR THE COLLEGE BOUND STUDENT. SOME UNIVERSITIES REQUIRE TWO YEARS OF FOREIGN LANGUAGE FOR ENTRANCE AND/OR GRADUATION, SUCH AS U.W. MADISON. SEE INDIVIDUAL UNIVERSITY HANDBOOKS FOR ENTRY OR GRADUATION REQUIREMENTS.

SPANISH II

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: A "C' average or better in Spanish I or instructor's approval
TRANSCRIBED THROUGH: Not transcribed

Spanish II begins with a short review and develops into more advanced vocabulary and grammar while engaging in the four skills of language acquisition: listening, speaking, reading and writing. Unit themes include travel, daily routines, and shopping. The focus of this course is the introduction of the past tense, as well as a strong emphasis on speaking and writing. In addition, students will gain knowledge and understanding of Spanish culture through various cultural readings, films, and discussions. The final objective of this course is to speak more fluently and become an active participant in the target language.

SPANISH III

GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: SPANISH II, A "C+" average or better in Spanish II
TRANSCRIBED THROUGH: Not transcribed

Spanish III begins with a short review of previous courses and continues to focus on the past tense, transitions into the future tense and ends with an introduction of the subjunctive mood. Thematic units include outdoor adventures and environmental issues, as well as a short novel that narrates the conquest of the Aztec civilization. In addition, students explore the film "Motorcycle Diaries" in order to develop more advanced vocabulary and grammatical concepts. This class is conducted almost exclusively in Spanish in order to further develop comprehension and speaking skills.

SPANISH IV

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: SPANISH III, A "C+" average or better in Spanish III
TRANSCRIBED THROUGH: Not transcribed

Spanish IV focuses on the synthesis of the three modes of communication: interpretive, interpersonal and presentational. Thematic units include personal identity, entertainment, traditions and social values. In addition, students report on the current events of a Spanish-speaking country of their choice, independently read a short novel and explore the films and short videos in the target language. This class is conducted exclusively in Spanish in order to master comprehension and speaking skills.

TECHNOLOGY EDUCATION

ARCHITECTURAL DRAFTING AND DESIGN

GRADE: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: NWTC (1 Credit) Revit 1 10-614-291
This course is intended for the student who is serious about a career related to architecture. A home will be designed, and plans will include: all floor plans, electrical, dimensioning, wall sections, door and window schedule, elevations, and site plans. Students will go outside and do site and land surveying. AUTOCAD 2019 and AutoDesk Revit 2019 software will be used throughout the course.

INTRODUCTION TO ENGINEERING DESIGN (IED)

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: None
ADVANCED STANDING (1 CREDIT - 3D MODELING WITH INVENTOR)
Introduction to Engineering Design encourages students to be creative and apply decision--making and problem solving skills to specific design problems, using powerful computer hardware and software (Inventor) to develop 3-D models or solid renderings. Using a CAD (computer aided design) system, students explore the design process through creating, analyzing, rendering, and producing models. Rapid-Prototyping will be accomplished and experienced with the usage of a 3D printer in this class.

INTRODUCTION TO DRAFTING

GRADE: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed
This course is an introduction to the mechanical drafting field. Tools such as: T-squares, triangles, compasses, and templates will be used to prepare drawings needed to develop and manufacture modern day products. Students will learn the principles of orthographic projection, isometric pictorials, working drawings, geometric construction, dimensioning, and pattern development. Students will get a brief preview working with Auto CAD and residential design. This class is beneficial for all students planning to pursue a career in an engineering or technical field.

COMPUTER AIDED DRAFTING AND DESIGN (CADD) AND BLUEPRINT READING

GRADE: 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Introduction to Drafting
TRANSCRIBED THROUGH: NWTC (2 Credits) - CAD #10606113, 2 Credits
In this course the students will use Auto CAD/Inventor/REVIT to apply 2 and 3 dimensional principles that were taught in Intro to Drafting. The students will work on numerous mechanical and architectural self-paced individual drawings. The students will learn to use various plotting devices. In addition, career opportunities in the design and engineering fields will be explored.

WELDING

GRADE: 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: NWTC (2 Credits) - GMAW 1 #31-442-348, 1 Credit; SMAW 1 #31-442-342, 1 Credit

This course will introduce students to welding principles. The student will develop skills in the areas of shielded metal arc welding, gas metal arc welding, oxy-acetylene. They will be exposed to careers in welding and will develop the basic skills needed to make a career decision in this area. They will be given safety instructions in all areas and will have to pass a safety test on all equipment.

GAS METAL ARC WELDING 2

GRADE: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: WELDING
TRANSCRIBED THROUGH: NWTC (2 Credits) - GAS METAL ARC WELDING #31-442-356, 2 Credits

This course provides the opportunity for the learner to develop the knowledge, skills, process and understanding of welds in the vertical and overhead positions, fillet, pipe to plate and groove welds with and without backing on plain carbon steel.

WELD SYMBOLS

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: Welding
TRANSCRIBED THROUGH: NWTC (1 Credit) - Weld Symbols #31-421-336, 1 Credit

This course provides the opportunity for the learner to develop the knowledge and understanding of welding symbols AWS and ISO, weld joint nomenclature and welding joint geometry.

METAL FABRICATION

GRADE: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course will introduce students to machining and metal fabrication principles. The student will develop skills in the areas of lathe, vertical mill, welding, CNC plasma cutting and other fabrication techniques. They will be exposed to careers in machining and fabrication and will develop the basic skills needed to make a career decision in this area. They will be given safety instructions in all areas and will have to pass a safety test on all equipment.

SMALL ENGINES

GRADES: 9, 10, 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

The students will learn how gasoline engines function. They will also be introduced to several other engines including: diesel, rotary, and turbine engines. Most of the hands-on activities are geared toward the small gasoline engines. Students will learn how the knowledge gained on small engines can also be applied to larger engines. The basic units covered in the course includes: basic engine operation, engine tests and measurements, ignition systems, carburetion, cooling, lubrication, engine reconditioning, and troubleshooting. A considerable amount of time is spent on measuring the engine components using micrometers, Vernier calipers, dial indicators, and a host of other measuring tools. After successfully completing this course, the student will have measuring skills that can be applied to many different manufacturing careers, also students should be able to tune-up many types of small engine such as lawnmowers, rototillers, etc. He/she will be able to perform minor maintenance procedures such as changing oil, sharpening blades, adjusting carburetors, repairing recoil mechanisms, ignition tune-ups, etc. The student will have basic troubleshooting skills, which can be applied to many types of engines.

CAR CARE

GRADES: 11, 12
ELECTIVE
BHS CREDITS: .5
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

The Car Care course is designed to teach the student how to take better care of his/her automobile. Each unit will include an explanation of the basic theory of operation. The theory will help the student to realize why certain service procedures are necessary. Units will include guidelines on maintenance to be performed routinely on a vehicle. Servicing techniques will be thoroughly demonstrated to the class and then students will be given an opportunity to perform the same procedure on their own vehicle. The amount of hands on tasks will depend on each individual student. Some students may feel comfortable completing all of the procedures and others may want to select certain jobs to be performed on their own vehicle. If a student does not have a vehicle of their own, they can work together with other students who do have vehicles. The more hands-on activities the student performs, the more he/she will learn. This course will cover many different units. These units include: rust prevention, cooling systems, tires and tire wear, wheel alignment, lubrication systems, ignition systems, fuel systems, brakes, and buying a used car.

MATERIALS AND PROCESSES

GRADES: 9, 10 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: None
TRANSCRIBED THROUGH: Not transcribed

This course deals with the materials and processes used in the woodworking industry today with wood products being the major emphasis. Students will be given extensive background on the safe operation of all the machines used in the lab. Lab safety and machine safety tests must be completed with 100% accuracy before a student will be given the opportunity to work in the lab. Several projects will be constructed during the semester which will give the student an opportunity to use new technologies such as our CNC Router and our Laser Engraver as well as many other machines in the lab such as: the Planer, Jointer, Table Saw, Band Saw, Scroll Saw, Drill Press, Disc Sander, Radial Arm Saw, Sliding Compound Miter Saw, Pneumatic Disc Sanders, Random Orbital Disc Sanders, Kreg Jig, Hollow Mortising Chisel, and the Router. Students will have units in Measurement, Squaring of stock, and Calculation of Board Feet. Students will also be planning for projects such as creating a *Bill of Materials List* and a *Plan of Procedures* will also be done. Class fees may be applied.

FURNITURE DESIGN

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Materials and Processes, Introduction to Drafting, CADD Or IED
TRANSCRIBED THROUGH: Not Transcribed

This course is designed to allow students to design, engineer, and build furniture. Throughout the class, students also get exposure to different woodworking machines specifically designed for sawing with a strong emphasis given to machining to exact specifications. Students are encouraged to design pieces of furniture that are new, furniture that is designed and is different from everyday furniture is greatly encouraged. Students will take the knowledge and skills that were obtained in Design Drafting and CAD to design and draw the piece of furniture that the student is going to develop. Once students have designed a piece of furniture they will be required to develop the furniture out in the lab using the knowledge and abilities that they have obtained from the Materials and Processes classes. Safety test will be given on lab and machine safety and will be completed with 100% accuracy before a student will be allowed to participate in lab activities. Students will also be taught safe and proper use of tools, machines, and equipment used in industry. Class fees may be applied.

CONSTRUCTION

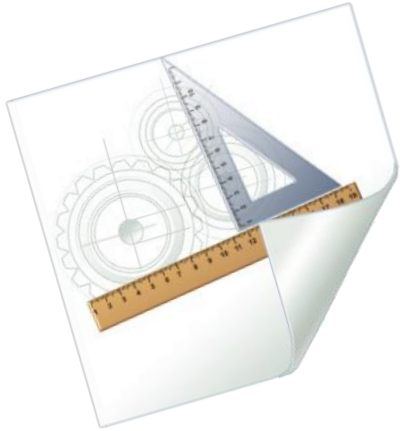
GRADES: 10, 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Materials and Processes
TRANSCRIBED THROUGH: NWTC (1 Credit) – INTRODUCTION TO CARPENTRY # 10-410-110, 1 Credit

This course will be an introduction to many of the tools and processes used in the construction industry today. Besides basic review of lab and machine safety, which the students will be tested on until 100% accuracy is achieved, there will be safety discussions and demonstrations on the uses of different equipment in the lab. Students will be introduced to the following units: House blueprints reading, use of the architects' scale, floor framing, wall and ceiling framing, and roof construction. Students will build a house to a one-inch scale concentrating on using standard framing methods. Students will also learn concepts such as: stairs layout, rafter layout, and estimating materials. The second half of the course may again involve the construction of small modular buildings such as garden and tool sheds, however advanced construction techniques such as soffit and fascia construction will be stressed. More individual effort and teamwork will also be stressed, making the student a more efficient and self-reliant "worker". Class field trips may also be taken to local technical colleges, which offer Building Trades or Construction as career training opportunities.

ENGINEERING, RESEARCH AND DEVELOPMENT

GRADES: 11, 12
ELECTIVE
BHS CREDITS: 1
PREREQUISITE: Intro to Drafting, Welding
TRANSCRIBED THROUGH: Not transcribed

This course will teach the engineering approach to solving today's problems. Students can look forward to taking on a project (problem) and generate a solution. The major project problem will be the development of an Electrathon Race Vehicle that students will design/build/race against other schools in the state. Many activities will be team based. Students will learn how to be creative, innovative, and express their knowledge through, brainstorming, and other problem solving approaches. Topics that will be stressed are: research of intellectual properties (patents & trademarks), multistage designing (modeling, prototyping, CADD imaging), and developing (surveying, examining, & producing.) A strong math and drafting background will be necessary due to the designing techniques used. This is an excellent course for anyone who is planning to attend a technical or four-year college. This is also a good introductory course into the fields of engineering and technology.



CNC FUNDAMENTALS

GRADES: 12

ELECTIVE

BHS CREDITS: 1

PREREQUISITE: None

TRANSCRIBED THROUGH: NWTC (3 Credits) - Intro to CNC Milling Operations and G-Code and CAM 1 #31-420-383, 2 Credits

In this class students will learn to operate computer-controlled lathes and milling machines, basic programming operations on computer aided manufacturing (CAM) systems, and fundamental programming of computer numerically controlled (CNC) machines.

ELECTRO-MECHANICAL TECHNOLOGY (Classes are in the NWTC Electro-Mech Trailer)

GRADES: 11, 12

ELECTIVE

BHS CREDITS: 1

PREREQUISITE: None

TRANSCRIBED THROUGH: NWTC (4 Credits) - Automation 1: Control Logic #10-664-100, 1 Credit; Automation 2: Motor Control #10-664-101, 1 Credit Fluids 1: Basic Pneumatics #10-620-100, 1 Credit; DC 1 #10-660-104, 1 Credit

Electro-Mechanical Technology prepares students for employment as plant-floor and field service technicians who assemble, install, troubleshoot, repair and modify mechanical, electrical systems; including programmable controllers found on industrial machinery. AUTOMATION 1: CONTROL LOGIC – Electric motor control components such as switches, relays, starters, transformers; and safely mount and install motor and motor control components and perform related wiring and troubleshooting of motor control circuits. AUTOMATION 2: MOTOR CONTROL – Electric motor control components such as sensors, timers and counters. FLUIDS 1: BASIC PNEUMATICS: What fluid power is, differentiate between hydraulics and pneumatics, implement basic pneumatic circuits, utilize schematics, apply Pascal's Law, define properties of fluids, implement airflow control and hydraulics cylinder circuits. DC 1: INTRODUCTION – Introduction to the concepts of DC electricity and simple series circuits. Voltage, current, resistance, Ohm's Law, power and Kirchhoff's Voltage Law are defined. Introduction to machine wiring, including basic documentation, labeling, and wiring practices; an overview of NFPA 70 machinery, safety and installation standards will also be covered.