

PESHTIGO HIGH SCHOOL COURSE DESCRIPTION BOOKLET



2026-2027

Message From Peshtigo High School Principal

Dear Students and Parents:

We are pleased to provide this course description handbook for students and parents to assist with course planning. This course description handbook, graduation requirements, and registration information may also be found on our District website. www.peshtigo.k12.wi.us.com

This Course Description Booklet can be extremely helpful as a plan for graduation is prepared. In a highly competitive environment, students may have an edge if they have a good plan of action. One of the first things students should do is develop a four-year plan to get them successfully through high school. Many options exist for students after high school, including entrance into college, technical school, the military, or the workforce.

Whichever option is chosen, the decision should be made jointly by the parents and students in consultation with members of the Peshtigo High School Staff. Your guidance counselor, teachers, and administrators are all good resources that can be valuable in helping you in the decision making process. Consideration should be given to personal goals along with a review of the student's past academic record. In addition, we will work with you if you decide to change your plans or have any questions. Because of its obvious importance, the scheduling process should be taken seriously and course selections carefully contemplated.

Much can be learned and many opportunities to create wonderful memories are available during the four years of high school. It is a time of growth, a time to challenge yourself, and a time to develop the skills & habits that will help you succeed in the future. On behalf of the entire staff of Peshtigo High School, I wish for you a positive and fulfilling high school experience.

Sincerely,

David Moody

NONDISCRIMINATION AND ACCESS TO EQUAL EDUCATIONAL OPPORTUNITY

The Board of Education is committed to providing an equal educational opportunity for all students in the District. The Board of Education does not discriminate on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, sex, including transgender status, change of sex or gender identity, disability, age (except as authorized by law), military status or physical, mental, emotional, or learning disability in any of its student program and activities.

The Board also does not discriminate on the basis of Protected Classes in its employment policies and practices as they relate to students, and does not tolerate harassment of any kind.

Equal educational opportunities shall be available to all students, without regard to their membership in the Protected Classes, race, color, national origin, sex, disability, age (unless age is a factor necessary to the normal operation or the achievement of any legitimate objective or the program/activity), place of residence within the boundaries of the District, or social or economic background, to learn through the curriculum offered in this District. Educational programs shall be designed to meet the varying needs of all students.

To read Policy 2260 in its entirety visit www.peshtigo.k12.wi.us and click on "District, Board of Education, then Policies".

CURRICULUM OFFERINGS/ REQUIREMENTS/ REGULATIONS

As you consider your program of studies for the next school year, you should give thoughtful consideration to your selection of subjects. Your interests, abilities, and long-range goals are important factors to be considered in the decisions you make regarding the selection of courses each year.

It is very important that you select classes which fit your future plans. Before making a final decision, discuss your choices with your parents, counselor, and teachers. Too often students find that they have missed taking subjects they need to prepare themselves for their chosen vocation. Most colleges, universities, and technical colleges have specific entrance requirements. Therefore, you would do well to plan your program with a great deal of care and with an eye to the future. **Although parents, teachers, and counselors assist you, ultimately scheduling of classes is your responsibility, so choose wisely.**

GRADUATION REQUIREMENTS

Sixteen (16) of the twenty-two (22) credits must be academic. All subjects except for the following are considered academic: teacher aide and student tutor. (These courses do not count toward G.P.A., and therefore cannot be used in determining athletic eligibility according to W.I.A.A. regulations.) **STUDENTS ARE RESPONSIBLE FOR BEING CERTAIN THEY HAVE FULFILLED ALL REQUIREMENTS FOR GRADUATION.**

STUDENT PLANNING SHEET

In planning a high school career, use this sheet in selecting courses. Discuss plans and options with your parents, teachers, and counselor.

FRESHMAN

SEMESTER 1	CR	SEMESTER 2	CR
<i>Required</i>			
1. English I		English I	
2. World Hist		World Hist	
3. Earth Science		Earth Science	
4. Math		Math	
5. Phy Ed**		Health**	
<i>Electives</i>			
6.			
7.			

SOPHOMORE

SEMESTER 1	CR	SEMESTER 2	CR
<i>Required</i>			
1. English II		English II	
2. American Hist or AP US History		American Hist or AP US History	
3. Gen Bio or CP Bio		Gen Bio or CP Bio	
4. Math		Math	
5. Phy Ed**		Phy Ed**	
<i>Electives</i>			
6.			
7.			

JUNIOR

SEMESTER 1	CR	SEMESTER 2	CR
<i>Required</i>			
1. English III or AP English		English III or AP English	
2. Amer Gov/Econ		Amer Gov/Econ	
3. Science		Science	
4. Math		Math	
5. Personal Fin**			
<i>Electives</i>			
6.			
7.			

SENIORS

SEMESTER 1	CR	SEMESTER 2	CR
<i>Required</i>			
1. English IV or AP English		English IV or AP English	
<i>Electives</i>			
2.		Personal Fin**	
3.			
4.			
5.			
6.			
7.			

** Either Semester 1 or Semester 2

CREDIT REQUIREMENT DISTRIBUTION

The following classes/credits are required to meet graduation standards:

English	4 credits
Social Studies	3 credits
Math	3 credits
Science	3 credits
Physical Education	1.5 credits
Health	.5 credits
Personal Finance	.5 credits

Students will typically have earned the following credits at the end of each grade level:

Grade	Credit Load	Total Credits
09	6.0	6.0
10	6.0	12.00
11	6.0	18.00
12	6.0	24.00

POST SECONDARY PREPARATION

A. Four Year College/Universities

Students planning to attend college must pay very careful attention to admission requirements prior to selecting their high school courses. The requirements vary considerably depending upon the college or university that the student plans to attend and the major field of study that he/she plans to pursue. *It is essential that students and parents check specific college entrance requirements with their school counselors.*

High School Credit Requirements: High school course work should prepare you for college by helping develop strong skills in at least four areas - English, mathematics, social science and natural science. Foreign language is also strongly recommended.

It is impossible to list courses that are required by all institutions. Students and parents should work closely with the high school counselor for admissions information for Wisconsin and all out-of-state colleges and universities. Taking all of the recommended courses does not guarantee admission to college. Other factors such as a rank in class, GPA, and ACT/SAT test scores are considered.

A strong academic background in high school beyond the minimal college admissions requirements can be beneficial. For example, UW-Madison is one of the universities that recommends more than the minimal admission requirements. For the admission requirements of a specific college see your counselor or contact the institution.

B. Technical Colleges

The high school courses required of the technical colleges vary depending upon the major area of study or career that the student plans to pursue. A strong academic background in high school will allow a student to pursue a greater variety of career options.

Because it is impossible to list all courses that apply to each area of study or employment, students and their parents should consult with their guidance counselor for specific course selections that will help them to attain goals.

C. Military Enlistment

A high school diploma is required for enlistment in all branches of the military. The Armed Services Vocational Aptitude Battery (ASVAB) test is also required. Students not interested in a military career may still register to take the ASVAB test to gain career information.

D. Military Academies

Students seeking nomination to a military academy should be aware of entrance requirements and application deadlines. The admissions process is very competitive and lengthy. See your Guidance Counselor in your sophomore year or at the very latest early in your junior year.

ADVANCED PLACEMENT COURSES

Our AP program is a collaborative effort among motivated students and dedicated teachers to take college-level courses and earn college credit or placement while still in high school. Most colleges and universities in the United States have an AP policy granting incoming students credits, placement or both on the basis of their AP Exam grades. Each AP course has a corresponding exam that participating schools administer in May. AP Exams contain multiple choice questions and free response section (either essay or problem solving). The Peshtigo School District will reimburse 50% of the cost of the exam to the student or student's parent/guardian for those who receive a score of three (3), four (4), or five (5) on the exam. The District will pay the tuition and textbook costs associated with AP courses taught as part of the regular curriculum.

TRANSCRIPTED CREDIT COURSES

Transcribed Credit courses are taught by high school teachers with Wisconsin Technical College System certification. NWTC curriculum and assessment methods are used. Student grades of "C" or better to receive transcribed credit. The grade a student receives in a transcribed course becomes part of the student's official college record at NWTC. Transcribed credit agreements can be transferable to other Wisconsin technical colleges and may transfer to four-year universities.

CONCURRENT ENROLLMENT COURSES, Cooperative Academic Partnership Program (CAPP)

The Concurrent Enrollment course program is a collaborative effort with the University of Oshkosh, and the Peshtigo School District. The program provides Peshtigo High School students college credit for courses delivered by Peshtigo High School instructors. Students enrolled in Concurrent Enrollment or CAPP classes may pay a reduced tuition rate. Peshtigo High School will provide textbooks for Concurrent Enrollment or CAPP courses. Credit received for the courses taught at Peshtigo High School will be subject to the UW system undergraduate transfer and transcript policy.

EARLY COLLEGE CREDIT PROGRAM/START COLLEGE NOW

New programs called Early College Credit Program (UW System) and Start College Now (NWTC) were created to replace Course Options and Youth Options. These programs allow public high school juniors and seniors, who meet certain requirements, to take post secondary courses at a Wisconsin technical college or institution of higher education. The programs open the door to greater learning opportunities for students who are considering a technical career, wishing to begin college early, wanting to prepare to enter the workforce immediately after high school graduation. If approved by the school board, the student will receive both high school and postsecondary credit for a successfully completed course. The high school will grant a diploma to a student who has successfully completed high school graduation

standards, regardless of whether the requirements were met at the high school or a postsecondary institution. All students taking a course through SCN or ECCP will need to complete a Peshtigo High School contract which references board policy 2271.01.

ALTERNATIVE PROGRAM

Peshtigo High School has been approved by the Department of Education Instruction to offer Alternative Education Programming to our students. This will provide an educational setting to students that struggle with traditional schooling. As part of the curricula students will take the soft skills class, resume building, job site training, and different job exploration opportunities. Students will need to complete an application process and be approved.

SCHEDULING AND ADDING/DROPPING CLASSES

A. Scheduling

1. Students will be given course description books and are expected to take this information home. Together with their parents they are to CAREFULLY SELECT their courses, including an alternate elective class.
2. Students in grades 8-11 will choose their course selections during the first week of January. Once again we urge CAREFUL SELECTION! On the scheduling sheets signatures of guardians and students are required.
3. During the second semester students are encouraged to meet with the counselor to review his/her selection of classes. Every attempt will be made to schedule the requested classes, however, at times there are scheduling conflicts which may result in a need to make a different selection.
4. Students who have a question or concern about their schedule should contact the counselor in the two weeks prior to the start of school in the fall.

B. Adding/Dropping Classes

Choose your courses well the first time. A prime objective of our school is to teach students to be RESPONSIBLE and to begin to plan for the future. A student may neither drop a semester class nor add one under any circumstance, even with parent approval, after the first week of each semester, unless a teacher initiates the change and the Principal approves of it. Students enrolled in any year-long class, especially Advanced Placement classes, are required to stay in the class for the entire year. Students in a year-long class cannot drop the class at the end of the semester unless the drop is initiated by the teacher and approved by the Principal. When a student signs up for a year-long class, they do so with the understanding that they are making a year-long commitment to the class and their request to drop the class (after the first week of the school year) will not be approved.

If a student withdraws from a class after the first five days of the semester without permission from the Principal and teacher, a failing grade will be recorded in the permanent record.

PLANNING YOUR FUTURE

1. **KNOW YOURSELF**: Achievement, abilities, interests, and ambitions are important factors to be evaluated in setting your goals.
2. **BECOME A WELL-ROUNDED INDIVIDUAL**: Develop hobbies and participate in school, community, and church activities. Broaden your field of interest through reading and contacts with people.
3. **MAKE GOOD GRADES**: Good grades are important. If you are not getting good grades, talk to your teacher about your difficulty.
4. **PLAN YOUR HIGH SCHOOL PROGRAM**: Certain courses are required for entrance to college. The Student-Parent Curriculum Information Guide will tell you what courses you should take. The counselor will help you.
5. **THE WORLD OF WORK**: Explore the many occupational fields prior to entering high school. Evaluate this information as it relates to your self-evaluation. Don't select an occupation field or goal just because "Uncle Charlie" is successful or thinks it is good for you.
6. **PLAN FOR YOUR VOCATION AS EARLY AS POSSIBLE**: Start planning your future upon entering high school. Find out all you can about occupations which interest you. Talk to people actually doing the work in which you are interested. For instance, talk to our counselor about contacting people in careers that appeal to you.
7. **SELECT YOUR COLLEGE OR TECHNICAL SCHOOL**: Investigate the schools which offer training in the field of your choice. Talk to people who have attended these institutions if possible. Find out the cost of your proposed course and what scholarships the school offers. The counselor will help you with this. Learn about projected demands for the field of employment you select or are interested in.
8. **LEARN ABOUT COLLEGE ADMISSIONS PROCEDURES**: Check with the counselor concerning requirements, application procedures, and admission testing required at the school of your choice. Some colleges require admission tests. College catalogs, video tapes or disks are available in the counseling office.
9. **PLANNING FINANCES**: Parents and students should consider the combination of savings, scholarships, grants, loans, and part-time student jobs when planning the financing of higher education.
10. **PREPARE FOR SCHOLARSHIP APPLICATION EARLY**: Scholarship applications should be completed early. The counselor will assist you with your scholarship applications.

ENGLISH

(Successful completion of 4 credits is required for graduation)

ENGLISH I

Prerequisite – None

Grade 9 (Year)

Credit: 1 credit

For the first semester, this unit will cover multiple units: grammar review and study; sentence review and study; the study of literary elements, terms, and devices; short story analysis; nonfiction reading; paragraph writing; and, essay writing. Various styles of writing will be introduced and completed, including: summary paragraphs, expository paragraphs, and a narrative essay.

The second semester involves further exploration of writing and literary analysis. Nonfiction texts, a Shakespeare play, and the novel *To Kill A Mockingbird* will be read, analyzed, and written about. An argumentative essay, an informative essay, and further expository paragraph writing will be completed during this semester.

ENGLISH II

Prerequisite – English I

Grade 10 (Year)

Credit: 1 credit

This course will develop and reinforce essential concepts in language arts and writing. Rigorous emphasis will be placed on essential reading skills and writing skills. Students will demonstrate this knowledge in effective writing pieces, including paragraphs (descriptive, narrative, informative/expository, and persuasive) and compositions (comparison-and-contrast, reflective, research, and persuasive). Additionally, grammar and sentence structure will be reinforced.

An important aspect of this course will include oral participation and written responses to the topics studied. Students will work independently and collaboratively to become effective information gatherers, writers, and speakers.

ENGLISH III

Prerequisite – English II

Grade 11 (Year)

Credit: 1 credit

The design of English III builds on the grammar instruction provided in English I & II. In the first quarter, students will reinforce their understanding of English grammar through sentence writing demonstrating their comprehension and application of the eight parts of speech and verbals.

Following this instruction of grammar, the course will transition to the study of American Literature. The course seeks to relate, at some length, the changing theories of literature, the development of movements and schools of literary types, and the thought and art of a few representative writers.

In seeking this objective, students will hopefully acquire a greater degree of proficiency in reading, a more discerning mind, and an insight into those qualities which attempt to make life meaningful to adolescents.

The course will chronologically trace the development of American Literature over a span of 350 years. A series of units lasting two to five weeks each will accomplish this educational goal. To supplement their reading, assignments will occasionally include writing compositions. More specifically, students will write occasional paragraphs in conjunction with their readings. These paragraphs will be of a narrative, description, summative, argumentative, or explanatory nature.

Additionally, throughout the year students will write a series of essays. These writing exercises will include an autobiographical essay, argumentative essay, narrative essay, descriptive essay, and a comparison/contrast essay.

AP ENGLISH LANGUAGE & COMPOSITION

Prerequisite -Instructor Approval

Grade: 11-12 (Year)

Credit: 1 credit

In the AP English Language and Composition course, teaching students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers illustrates the goal of this junior level high school language arts course. While the five-paragraph essay enables students to effectively organize their ideas in a concise fashion, “this formulaic approach often encourages unnecessary repetition and fails to engage the reader.” In AP English Language and Composition, the students learn to emphasize their content, purpose, and “allow this focus to guide the organization of their writing” (The AP English Language and Composition Course Guide). While students will read literary pieces from their American Literature textbooks, most of the literature will entail nonfiction offerings to which students will react through their writing using evaluation, assessment, and synthesis. Students will learn to analyze other writers’ thoughts and ideas, assess their value toward the development of their own responses, and play an important role in the synthesis of their original papers. **Students who take this course will be expected to take the AP test at the end of the year for possible college credit.**

ENGLISH IV

Prerequisite – English III

Grade 12 (Year)

Credit: 1 credit

SEMESTER I This course will explore the online newspaper/newsmagazine as a tool in building vocabulary, grammar, and reading in addition to exposing students to areas of advertising, propaganda, editorials, and objective reporting. Additionally, this course will expose students to research techniques, essay composition, letters and resume writing, completion of application letters, and other practical skills for post-high school life.

SEMESTER II This course will also develop and reinforce essential concepts in all the language basics: reading/literature, writing, oral language, grammar, media/technology, and research/inquiry. Students will demonstrate this knowledge in public speaking activities and effective writing pieces, including paragraphs and compositions based on a variety of literature.

AP LITERATURE & COMPOSITION

Prerequisite - At least a B- in English III or the permission of the instructor

Grade 12 (Year)

Credit: 1 credit

The design of Advanced Placement English Literature & Composition, a full year course, meets two needs: 1) to adequately prepare those students who intend to further their education in a collegiate capacity; 2) to provide a humanities class for those students who have a particular interest and/or ability in this particular area.

SEMESTER I The primary focus of the first semester will be on reading and argumentative writing. To further develop written communicative skills defines the obvious purpose of this segment of the course. Primarily, this component of AP English Lit & Comp encompasses writing a variety of papers based upon

the readings that may relate to the AP English exam. Following this segment, students will research and write a research paper, learning to correctly employ and cite outside source material intended to support, explain and substantiate the topic. Additionally, students will learn to compile an accurate bibliography.

SEMESTER II The second semester of Advanced Placement English Literature & Composition continues the exploration of literature begun in the first semester. Students will read novels, plays, short stories, and poetry to prepare for the AP exam in May. From time to time, assignments which develop creative and argumentative writing skills will supplement this study.

In addition to the above concerns, students will read one novel outside of class and submit a thoroughly written critical essay of that reading. As an exercise of literary analysis, students will read a second novel as part of a class project, which includes oral discussions, written exercises, and examinations. Students will practice AP English Lit. & Comp. multiple choice tests and write in-class essays in preparation for the AP exam. **Students who take this course will be expected to take the AP test at the end of the year for possible college credit.**

READING STRATEGIES/LITERACY I & II

Prerequisite – Instructor approval

Grades 9-11 (Year)

Credit: 1 credit

These courses are designed to increase proficiency of comprehension skills, vocabulary development, and rate of reading. Critical and efficient readers employ a variety of reading skills and strategies to obtain and process textbook information. Students are required to complete a variety of classroom exercises designed to improve their knowledge of these skills and strategies. In addition, there will be supplemental material covered to ensure development in grammar and literacy skills.

JOURNALISM/BROADCAST

Prerequisite - Pass two previous English classes with a B- or higher or Instructor approval

Grades 11-12

Credit: .5 credit

This class is designed to introduce the student to the fundamental elements of news writing, page layout, and photography. In addition, this class is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, broadcasting, or public speaking. Students will read and discuss recently published articles that have appeared in print or online, and will also read and evaluate some examples of creative journalism. Projects in this class will include: Broadcasting, School Announcements and/or Events, School Newspaper, etc. Students will be required to attend after school events such as sports, school board meetings, concerts, or plays.

SOCIAL STUDIES

(Successful completion of 3 credits is required for graduation)

WORLD HISTORY

Prerequisite - None

Grade 9 (Year)

Credit: 1 credit

This course is designed to build a foundation for understanding the beginnings of human history across different cultures and civilizations in both Western and non-Western societies. Emphasis will be placed on the interaction among world cultures, the linking of the past and present, and the importance of the

relationship of geography and history. Ideas and concepts, which bridge the space between the ancient and the modern world, will be stressed, including the development of art, philosophy, and religion.

AMERICAN HISTORY

Prerequisite - None

Grade 10 (Year)

Credit: 1 credit

This class will concentrate on the history of the United States during the twentieth century. There will be a very brief review of The Civil War and Reconstruction. The majority of the school year will concentrate on the United States from the time of President Theodore Roosevelt through the present, with an emphasis on the post World War I era to the present.

A.P. UNITED STATES HISTORY

Prerequisite - Instructor Approval

Grades 10-12 (Year)

Credit: 1 credit and

The study of United States history is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in the U.S. History. In addition, students must be able to compare developments or trends from one period to another. Students will learn how to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course will begin with Pre-Columbian Societies and conclude with The United States in the Post-Cold War World. **Students who take this course will be eligible to take the AP test at the end of the year for possible college credit.**

AMERICAN GOVERNMENT/ECONOMICS

Prerequisite - None

Grade 11 (Year)

Credit: 1 credit

Semester I American Government

Major areas of study will include: origins of our government, the U.S. Constitution, elections, Rights and Responsibilities as a citizen of the United States, and structure and function of the various levels of State and National Government.

Semester II Economics

Major areas of study will include: The role of government, the economy, supply and demand, the Market System, global economic interdependence, and characteristics of different types of economics.

CURRENT ISSUES/SOCIAL PROBLEMS

Prerequisite - None

Grade 11-12 (Semester)

Credit: .5 credit

The focus on this one semester course is on significant problems occurring in today's modern American culture and society. As American citizens, it is important that we understand such problems facing our world. By defining problems, collecting and analyzing data, developing alternative solutions, selecting appropriate responses, working with their peers, defending a position, and persuading others, student can learn the skills that will make them informed and effective citizens. Topics discussed will be varied. Current events will be a major part of this.

TWENTIETH CENTURY HISTORY THROUGH FILM

Prerequisite - None

Grade 11-12 (Semester)

Credit: .5 credit

Through this course students will gain an understanding of the events that shaped the 20th Century, as well as involve themselves in the critical analysis of films for their cultural bias and interpretation of historical events. They will be given the opportunity to participate in a variety of activities to develop their knowledge and awareness of history as well as display growing media literacy. Some of these activities include, but are not limited to: pre-reading assignments and presentations to build background information, content quizzes, class discussions, film review sheets for critical analysis, and written paragraphs and essays that demonstrate the legitimacy of the film(s). This class is geared towards Juniors and Seniors, who will already have a background in both World and American History, and the most important prerequisite for this class is a genuine interest in history.

A.P. EUROPEAN HISTORY

Prerequisite- Instructor Approval

Grade 11-12 (Year)

Credit: 1 credit

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. **Students who take this course will be eligible to take the AP test at the end of the year for possible college credit.**

INTRODUCTION TO PSYCHOLOGY

Prerequisite - None

Transcribed Credit (3 NWTC Credits)

Grade 11-12 (Semester)

Credit: .5 high school credit

Psychology is a survey course that introduces students to the many specific fields of psychology. A particular emphasis is placed on understanding human behavior. It is hoped that through the study of psychology, the student will come to a better understanding of basic motivations guiding his actions and the actions of those around them. Units of major study include Research Methods, Biological influences and the Anatomy of the Brain, Sensation and Perception, States of Consciousness, Learning, Memory and Cognition, Motivation and Emotion, Developmental Psychology-Life Cycle, Personality, Abnormal Behavior and Treatments, and Social Psychology.

ABNORMAL PSYCHOLOGY
Transcribed Credit (3 NWTC Credits)

Grade 11-12 (Semester)

Credit: .5 high school credit

Abnormal Psychology surveys the features, causes, assessment and treatment of abnormal behavior through major theoretical perspectives. Introduces the diagnosis system and history of the DSM-IV, cultural differences, social differences, current perspectives, diagnosis criteria and possible treatments.

Prerequisite - Complete
Intro to Psychology
with a C or better

DEVELOPMENTAL PSYCHOLOGY
Transcribed Credit (3 NWTC Credits)

Grade 11-12 (Semester)

Credit: .5 high school credit

Developmental Psychology is the study of human development throughout the lifespan. This course explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills will enable students to gain an increased knowledge and understanding of themselves and others.

Prerequisite - Complete
Intro to Psychology
with a C or better

MATHEMATICS

(Successful completion of 3 credits is required for graduation)

ALGEBRA 1 - Part 1

Grade 9-10 (Year)

Credit: 1 credit

The Algebra 1 – Part 1 course is designed to cover the topics of the first semester of Algebra 1 in a year-long course. Topics that will be covered include: working with real numbers, solving equations and problems, polynomials, factoring polynomials, fractions and applying fractions.

Prerequisite - Instructor Approval

ALGEBRA 1 - Part 2

Grade 10- 11 (Year)

Credit: 1 credit

The Algebra 1 – Part 2 course is designed to cover the topics of the second semester of Algebra 1 in a year-long course. Part 2 will review the topics from Part 1 and functions will be introduced. Systems of linear equations, inequalities, rational numbers, irrational numbers, quadratic functions and variation will be covered.

Prerequisite – Successful
completion of Algebra 1 – Part 1
or Instructor Approval

FUNDAMENTALS OF GEOMETRY

Grade 11-12 (Semester)

Credit: .5 credit

This course will provide students with the practical geometry skills needed in a wide variety of trade, technical, and other occupational areas. Special attention will be given to on-the-job math skills, by using a wide variety of real problems and situations. Topics covered include lines, angle measurements, similar and congruent shapes, triangles, right triangle trigonometry, two and three dimensional shapes, Area, Perimeter, and Volume.

Prerequisite-Successful
completion of Algebra 1 or
Algebra 1 Part 1 & 2
AND Instructor Approval

GEOMETRY

Grade 9-12 (Year)

Credit: 1 credit

A systematic, logical study of points, lines and planes, consisting of geometric proof, congruence, geometric inequalities, parallel lines, areas, similarity, coordinate geometry, circles, right triangle trigonometry, and functional transformations.

Prerequisite – Algebra I
or Algebra 1 - Part 1 & 2**ALGEBRA I**

Grade 9-10 (Year)

Credit: 1 credit

Grade 8-******Students enrolled in MS Algebra I will need to maintain a B- grade point through each of the grading periods. Failure to do so will result in enrollment in Pre-Algebra.

Algebra I introduces basic algebraic skills necessary for students to succeed in higher level mathematics courses. Topics include: operations with real numbers, solving equations, inequalities, and systems of equations, polynomial factoring, algebraic fractions, graphing linear equations and inequalities, radicals, and linear and quadratic functions.

Prerequisite - None

ALGEBRA II

Grade 10-12 (Year)

Credit: 1 credit

Algebra II is a continuation of Algebra I and starts with a review of that subject, studying each concept in greater depth. Irrational numbers, imaginary numbers, progressions, matrices, trigonometry and advanced work with quadratic equations, functions with exponents, and logarithmic functions make up the remainder of the course.

Prerequisite – Geometry
or instructor approval**PHS and/or UW PRE-CALCULUS (MATH 108)****Concurrent Enrollment Course (5 UW-Oshkosh Credits)**

Grades 11-12 (Year)

Credit: 1 high school credit

This combined PHS/ UW College Algebra & Trigonometry class requires the personal ownership of an ACT approved graphing calculator. This course will review Linear, polynomial, logarithmic and exponential functions and graphs. Complex numbers and theory of equations; binomial theorem, mathematical induction, trigonometric functions, their properties, identities, graphs and inverses; solving trigonometric equations. DeMoivre's Theorem, parametric equations, rates of change, sequences and series, right along with the aspects of analytical geometry. Students who are choosing to take the course for concurrent enrollment with UW-Oshkosh will need to take and pass the UW Placement Exam in Mathematics, offered the spring before the course begins. Once successfully completed, the student will receive the information necessary to enroll for the credits through the UW online system. UW Oshkosh Math 108 should transfer to NWTC.

Prerequisite – Receive a C
or better in Alg. II/HS Cr.
Pass the UW Mathematics
Placement Test/UW Cr.

PHS and/or UW CALCULUS 1 (MATH 171)**Concurrent Enrollment Course (5 UW-Oshkosh Credits)**

Grade 11-12 (year)

Credit: 1 high school credit

Prerequisite - Receive a C or better in Pre-Cal/HS Cr.

Receive a C or better in UW Pre-Cal or pass the UW Placement Test/UW Cr.

Personal ownership of an ACT approved graphing calculator equivalent to a TI-83 or TI-84 is suggested. Calculus I is based on the study of real valued functions of a single variable. The course topic include derivatives, antiderivatives, and, if time permits, definite integrals. Applications of differentiation, such as related rates, optimization, and curve-sketching, are also covered. Students who have successfully passed the UW Oshkosh Pre-Calculus will then move on to the UW Oshkosh Calculus. Students who have not opted to take the UW Oshkosh credits for Pre-Calculus will need to take and pass the UW Placement Exam in Mathematics, offered the spring before the course begins. After successful completion the student will receive the information necessary to enroll for the credits through the UW online system.

NWTC VOCATIONAL MATH A & B**Transcribed Credit (2 NWTC Credits for Voc Math A & B)**

Grade 11-12

Credit: .5 credit

Prerequisite - None for Voc Math A.

You must earn a C or better in Voc MathA to move on to Voc MathB

This course will provide students with the practical mathematics skills needed in a wide variety of trade, technical, and other occupational areas. Special attention will be given to on-the-job math skills, by using a wide variety of real problems and situations. Part A topics covered include: Fractions, Decimals, Measurement, Pre-Algebra & Basic Algebra. Part B reviews Basic Algebra and then continues into Practical Geometry, and Triangle Trigonometry.

NWTC COLLEGE TECHNICAL MATHEMATICS 1A & 1B**Transcribed Credit (3 NWTC Credits for 1A & 2 NWTC Credits for 1B)**

Grade 11-12

Credit: .5 credit

Prerequisite - GPA of 2.6 or above for 1A. You must earn a C or better in 1A to move to 1B

This course is designed to help those students who are either reviewing for the ACT's or entrance tests for college or at places of work. College Math reviews and develops fundamental concepts of arithmetic, algebra, geometry, and statistics. Emphasis will be placed on computational skills and applications of rational numbers; problem solving skills with ratios, proportions, and percent; basic principles and application of algebra, geometry, graphing, and statistics; measurement skills in U.S. Customary and Metric Systems; and the use of calculators as a tool.

Class required for the following programs at NWTC:

Paralegal, Instructional Assistant, Criminal Justice, Auto Collision Repair Technician/Technology, Diesel Equipment Technician/Technology, and Automotive Technician.

This NWTC class should transfer to the UW as Math 100 02 Math 101, freshman math

CONSUMER MATH A

Prerequisite – None

Grade 11-12 (Semester)

Credit: .5 credit

This course will provide students with real-world math skills useful for your personal life. The topics covered will be applied throughout your lifetime and include: personal financial skills, discounts and percentages, markups and markdowns, payroll, simple and compound interest, future values, annuities, sinking funds, mortgages, home equity, taxes - sales, property, income, life, insurance calculations - life, property, vehicle, investment calculations - stocks, bonds, mutual funds, and financial statistics. *(Final approval and enrollment into this course are determined by the math instructors.)*

CONSUMER MATH B

Prerequisite – Consumer Math A

Grade 11-12 (Semester)

Credit: .5 credit

This course will provide students with real-world math skills useful in the business world. The topics covered will include: business personnel costs and decision-making, employer payroll taxes and insurance; purchasing and inventories, sales, profits, and markups; marketing and advertising costs; business expenses; accounting concepts such as break-even analysis, depreciation calculations, and financial statements; corporate taxes, borrowing, investments; and economic measures including GDP, CPI, and inflation. *(Final approval and enrollment into this course are determined by the math instructors.)*

PHS and/or UW ELEMENTARY STATISTICS (MATH 109)

Prerequisite: C or better in Alg II.

Concurrent Enrollment Course (3 UW-Oshkosh Credits)

Must pass UW Mathematics

Grade 11-12 (Semester)

placement test for UW credit.

Credit: .5 high school credit

Personal ownership of an ACT approved graphing calculator such as the TI-84 is required. This one semester course will cover the basic skills of probability and statistics. Collecting, working with, understanding and interpreting data. Experimental labs analyzing real world issues and theoretical probability will be discussed. Students will be using statistics and probability in their everyday lives. Students who are choosing to take the course for concurrent enrollment with UW-Oshkosh will need to take and pass the UW Placement Exam in Mathematics, offered the spring before the course begins. Once successfully completed the student will receive the information necessary to enroll for the credits through the UW online system.

SCIENCE**(Successful completion of 3 credits is required for graduation)****EARTH AND SPACE SCIENCE 9**

Prerequisite - None

Grade 9 (Year)

Credit: 1 credit

Earth and Space Science 9 students will develop an understanding of Earth's systems. By investigating the cycles and interactions that occur among Earth's 4 spheres, students will learn about the dynamic nature of the planet. These spheres include the solid lithosphere (geology and cartography), the hydrosphere, (ocean and freshwater), and the atmosphere (meteorology). Special consideration is given to interactions of the Biosphere among the other 3 spheres. Students will also investigate planets, stars,

and galaxies (astronomy) to better understand Earth's place in the universe. Supplemental course materials include labs, internet based labs, videos, and activities that complement the textbook, promote inquiry, and strengthen scientific process skills.

GENERAL BIOLOGY

Prerequisite - None

Grade 10 (Year)

Credit: 1 credit

The Basic Format is the same for General Biology as it is for College prep Biology. The material for General Biology is not covered as extensively as it is in the College Preparatory. There are no special projects required. Topics of study include ecology/population ecology, scientific measurements and tools, the major biochemical molecules, the cell, photosynthesis, respiration, the cell cycle (mitosis), meiosis, genetics, and DNA. Instructional format - Discussion, lecture, laboratory work, study guides, and demonstration.

COLLEGE PREPARATORY BIOLOGY

Prerequisite - None

Grade 10 (Year)

Credit: 1 credit

College Preparatory Biology is lecture-lab oriented with a stress on laboratory work to supplement the material covered in lecture. The basic course study is to cover as much of the biological concepts as possible in the time allotted. Topics of study include ecology/population ecology, scientific measurements and tools, the major biochemical molecules, the cell, photosynthesis, respiration, the cell cycle (mitosis), meiosis, genetics, and DNA. Labs and tests are more rigorous than those in general biology.

CHEMISTRY

Prerequisite - Algebra I, C average or better
in College Prep Biology or B average or better
in Regular Biology

Grade 11-12 (Year)

Credit: 1 credit

Chemistry is the study of matter and the changes that matter undergoes. The purpose of this course is to help students gain an understanding of the facts and principles of chemistry. With the knowledge gained from this class students will be able to better understand the world around them and become scientific thinkers. Topics explored include: Matter and its properties, the structure of the atom, elements and the periodic table, chemical reactions, and problem solving.

SCIENCE 11

Prerequisite - None

Grade 11-12 (Year)

Credit: 1 credit

This course will investigate the inner workings of our environment. Concepts and issues will be explored using textbooks, labs, case studies, computer simulations, videos and class projects. Topics will include ecology and ecosystems, water and air resources, pollution, climate change, land use, food production, biodiversity, energy resources, and population growth.

PHYSICS

(Blended class)
Grade 11-12 (Year)
Credit: 1 credit

Prerequisite - Algebra II with
C+ average or better

Physics is the study of the physical world around you—the science of matter and energy and interactions between the two. In this course, students will study topics that include motion in both one- and two-dimensions, vector applications, projectile and circular motion, forces, energy and its conservation, momentum, waves, sound, and light. Students will perform several hands-on labs as well as several student-based projects throughout the year. Good math skills are recommended and a calculator is required.

ANATOMY & PHYSIOLOGY

Grade 11-12 (Year)
Credit: 1 credit

Prerequisite - College Prep Biology
with a B- semester average,
Chemistry or currently taking
Chemistry

Students who have had General Biology will only be considered if there is room in the class after all College prep students who meet the above criteria have been given the opportunity to participate. The maximum in the class is 28 students. General Biology students will be considered only if they receive at least a “B” for a semester average will have had chemistry or be taking chemistry and have gotten permission from the instructor. Anatomy & Physiology is lab and lecture oriented with a stress in the following areas: Tissue/tissue specialization; the skeleton; muscular system; nervous system; digestive system; respiratory system; circulatory system; and integumentary system. A 2-day field trip planned and organized by the instructor, with student’s assistance, is usually on the agenda for the spring of the year. Students will raise the money for lodging, food, and fees for museums, etc. through fundraising activities. The field trip must be finalized and okayed through the instructor and school administration. Students must be obtaining at least a C- in order to participate in the field trip.

A.P. BIOLOGY

Grade 12 (Year)
Credit: 1 credit

Prerequisite - College Prep Biology,
Chemistry or instructor approval

AP Biology is a course designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology will include those topics regularly covered in a college biology course for biology majors. The college biology course differs with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required by students. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Primary emphasis in the AP Biology course will be on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. The three general areas of biology to be covered during the academic year include Molecules and Cells, Heredity and Evolution, and Organisms and Populations. **Students who take this course will be eligible to take the AP Biology test at the end of year for possible college credit.**

CHEMISTRY II

Grade 12 (Year)

Credit: 1 credit

Chemistry II is a continuation of chemistry offered at the junior level. The purpose of this course is to prepare students interested in taking college chemistry and/or pursuing a career involving chemistry. Laboratory experiments will be chosen to supplement the material covered in lectures.

Topics to be covered include a more complex study of the atom and its properties, chemical reactions and factors affecting the course of the reaction. Properties of solutions, chemical bonding, and if time permits a study of organic chemistry.

Prerequisite - Chemistry I with at least a B- semester average.

WORLD LANGUAGE DEPARTMENT**SPANISH I**

Grade 9-12 (Year)

Credit: 1 credit

In order to enroll in Grade 8:

*A prerequisite for this course is a cumulative GPA of a 3.0 or higher, subject to instructor approval.

**Students enrolled in MS Spanish I for high school credit will need to maintain a grade point of a B- through each grading period. Failure to do so will result in enrollment in an alternate class.

Spanish I is designed to introduce students to the Spanish language and culture. Primary objectives are the acquisition of a basic vocabulary, the pronunciation of the Spanish sounds and the fundamentals of Spanish grammar, with emphasis on both written and oral proficiency. Each unit will focus on the culture of a different Spanish speaking country.

Prerequisite - None

SPANISH II

Grade 9-12 (Year)

Credit: 1 credit

Spanish II is a continuation of the grammar and vocabulary work of Spanish I. It also contains concentrated study of individual countries of Central/South America through readings, audio-visual materials, and extensive oral and written project work. Greater emphasis will be placed on working toward written and oral proficiency, through increased use of target language - skits, presentations, pairwork and group activities.

Prerequisite - Successful completion of Spanish I

SPANISH III

Grade 10-12 (Year)

Credit: 1 credit

Spanish III is designed to expand the students' oral and written proficiency in Spanish grammar and vocabulary. In addition, the course will include an introduction to Spanish literature, and continuing study of culture. Much more emphasis is placed on students' ability to communicate effectively in a variety of real-life situations - role-playing, extended periods of Spanish conversation in the classroom, and audio/video material in Spanish only.

Prerequisite - Successful completion of Spanish II.

SPANISH FOR HEALTHCARE PROFESSIONS

Grade 11-12 (Semester)

Credit: .5 credit

This course is specifically designed to serve the diverse needs of medical personnel. It emphasizes oral communication in a variety of medical situations that can be used with Spanish-speaking patients and focuses on the acquisition of medical vocabulary. It will also help students develop a cultural understanding of medicine and illness in the Spanish-speaking world to prepare for potential work with Spanish-speaking patients in future careers in medicine, nursing, social work, translation/interpretation, or mental health settings.

Prerequisite - Successful completion of Spanish III

SPANISH IV

Grade 11-12 (Year)

Credit: 1 credit

Spanish IV is a continuation of advanced study involving the four disciplines of listening, speaking, reading, and writing. Students will speak Spanish and be spoken to exclusively in Spanish. They will read Spanish literature and will continue to develop writing skills on a variety of topics. Students will be able to apply the target in a variety of real life scenarios, focusing on relationships and conflict/resolution. This level is for anyone who has successfully completed Spanish III and especially for those planning further study in the foreign language area.

Prerequisite - Successful completion of Spanish III

SPANISH V/ CAPP SPANISH 204

Concurrent Enrollment Course (5 UW-Oshkosh credits plus 11 retro credits transferable to UW schools)

Grade 12 (1st Semester, 2 hours per day)

Credit: 1 High School credit

** In order to be eligible for the UW-Oshkosh credits, students must meet pre and post course requirements determined by the university.

An intensive college level course dedicated to the study of intermediate language with an in-depth look at themes that are relevant to the Spanish speaking world including, the environment, life in the city, education and technology, and history and how it relates to life today. Students will be immersed in the language with a focus on advanced grammar and increased exposure to listening and reading materials from authentic sources. This course will be offered first semester, two hours per day.

Prerequisite-Successful completion of Spanish IV

SPANISH VI/ CAPP SPANISH 312

Concurrent Enrollment Course (5 UW-Oshkosh credits)

Grade 12 (2nd Semester, 2 hours per day)

Credit: 1 High School credit

** In order to be eligible for the UW-Oshkosh credits, students must meet pre and post course requirements determined by the university.

Spanish VI/CAPP Spanish 312 is an intensive course devoted to an in depth study of advanced Spanish grammar and syntax, which will allow students with a solid and ample base in Spanish grammar to improve their written, oral, and interpretive abilities in the language. This course will be offered second semester, two hours per day.

Prerequisite-Successful completion of Spanish V/CAPP 204

FINE ARTS

DRAWING 1

Grade 9-12 (Semester)

Prerequisite-None

Credit: .5 Credit

Drawing 1 is a one-semester course offered during the fall or spring semester. Students will be taught the basic skills of drawing such as shading techniques, composition and proportion. Techniques for using different drawing media will also be explored. Students will be required to do about 15 drawings (projects and practices) during the semester.

DRAWING 2

Grade 9-12 (Semester)

Prerequisite- C or higher in Drawing 1

Credit: .5 Credit

Drawing 2 is a one-semester course offered during the fall or spring semester. This class is held during the same hour as Drawing 1. Students will expand on basic drawing technique with a focus on technique and composition. Techniques for using different drawing media will also be explored and expanded upon. Students will be required to do about 15 drawings (projects and practices) during the semester.

PAINTING 1

Grade 9-12 (Semester)

Prerequisite-None

Credit: .5 Credit

Painting 1 is a one-semester course offered during the fall or spring semester. Students will be taught basic skills of painting such as value, paint consistency, color and form. Techniques with both acrylic paint and watercolor paint will be taught. Students will be required to do about 12 paintings (practices and projects) during the semester.

PAINTING 2

Grade 9-12 (Semester)

Prerequisite- C or higher in Painting 1

Credit: .5 Credit

Painting 2 is a one-semester course offered during the fall or spring semester. This class is held during the same hour as Painting 1. Students will expand on basic skills of painting such as value, paint consistency, color and form. Techniques with both acrylic paint and watercolor paint will be taught with a focus on composition and originality. Students will be required to do about 12 paintings (practices and projects) during the semester.

CERAMICS 1

Grade 9-12 (Semester)

Prerequisite-None

Credit: .5 Credit

Ceramics 1 is a one-semester course offered during the fall or spring semester. Students will be taught the basic skills of working with hand-built ceramics and glazing. The aesthetic of sculpture and three-dimensional design will also be taught.

CERAMICS 2

Grade 9-12 (Semester)

Prerequisite- C or higher in Ceramics 1

Credit: .5 Credit

Ceramics 2 is a one-semester course offered during the fall or spring semester. This class is held during the same hour as Ceramics 1. Students will expand on their knowledge from Ceramics 1 with a focus on originality and craftsmanship. They will learn new skills like wheel throwing and slip casting.

3D/SCULPTURE 1

Grade 9-12 (Semester)

Prerequisite-None

Credit: .5 Credit

3D/Sculpture 1 is a one-semester course that explores sculpture with a wide range of materials. Students will create 3D works of art using things like paper, textiles, metal, found objects and more! Students will also be introduced to 3D artists and art movements throughout the semester.

3D/SCULPTURE 2

Grade 9-12 (Semester)

Prerequisite- C or higher in Sculpture 1

Credit: .5 Credit

3D/Sculpture 2 is a one-semester course that explores sculpture with a wide range of materials. This class is held during the same hour as 3D/Sculpture 1. Students will expand on the techniques done in 3D/Sculpture 1 with a focus on originality. Students will focus on craftsmanship and the development of ideas. Some projects that will be done in this class include: Giant food sculptures, Embroidery portraits, Assemblage and more!

PRINTMAKING 1

Grade 9-12 (Semester)

Prerequisite-None

Credit: .5 Credit

Printmaking 1 is a one-semester course offered during the fall or spring semester. Students will be taught a multitude of printmaking styles/techniques such as relief printing, collagraphs and monotypes. Students will explore the Elements and Principles of Art and Design while also learning about the history of printmaking.

PRINTMAKING 2

Grade 9-12 (Semester)

Prerequisite- C or higher in Printmaking 1

Credit: .5 Credit

Printmaking 2 is a one-semester course offered during the fall or spring semester. This class is held during the same hour as Printmaking 1. Students will expand their knowledge of basic printmaking techniques. Students focus on composition and originality. Some advanced printmaking techniques we will do include: color reduction relief print, screen printing and chine colle.

SENIOR HIGH BAND

Grade 9-12 (Year)

Prerequisite - Band Director's approval

Credit: 1.5 credits

Special Supplies Required: Instrument (Some instruments are available to rent).

Senior Band consists of students in grades 9-12, and they will participate, perform, and collaborate with their band peers. They will also develop skills specific to the instrument they play, including

sight-reading, music vocabulary, music theory, note and rhythm reading, and the basics of how to sing. In addition to these skills, students will listen to, describe, and perform music from a variety of cultures as well as demonstrate proper concert etiquette as both a performer and an audience member. Active participation is essential, and students are REQUIRED to participate in ALL performances. Some performances will take place on non-school days; these performances are required and graded. Students sign up for Band knowing that there are additional mandatory requirements during and after the regular school day, as well as on certain non-school days. The following are aspects of this course that students who are enrolled are required to participate in: Concert Band, Marching Band, and Pep Band. There may be other optional performance opportunities available throughout the year.

JAZZ BAND

Prerequisite - Band Director's approval

Grade 9-12 (Year/Zero Hour)

Credit: 1 credit

Special Supplies Required: Instrument (Some instruments are available to rent).

Jazz Band consists of students in grades 9-12 and represents an elite level of musical excellence in the instrumental program. Jazz Band is open to the following instruments: Saxophone, Trumpet, Trombone, Piano, Guitar, Bass, and Drum set; additional instruments may be accepted with the approval of the Band Director. The activities of this group include required performances that take place outside of the school day. Class meets before school every day, and students are expected to attend class regularly.

SENIOR HIGH CHOIR

Prerequisite - None

Grade 9-12 (Year)

Credit: 1 credit

The Senior High Choir consists of students in grades 9-12 offers students an opportunity to develop their vocal skills through daily rehearsals and preparation for a variety of performances. Students will engage in sight-singing, learn proper vocal techniques, and explore a diverse range of traditional and contemporary choral works. Active participation is essential, and students are REQUIRED to perform in all performances. They are expected to participate in the District Choir Festival, graduation, and National Anthem performances at select athletic events.

TECHNOLOGY AND ENGINEERING

PROTOTYPING AND DESIGN 1

Prerequisite -None

Grade 9-12 (Year)

Credit: 1 credit

This course gives students an opportunity to work with Computer Aided Design software and CNC technology in the scope of product development to help students develop concepts and skills needed to communicate ideas across a broad range of industries. Students will investigate concepts in 3d modeling, laser engravers, Computer Aided Design software, safety, and teamwork in the workplace. Model making and prototyping will be emphasized during this class. Students looking into engineering, machining, architecture, landscaping, interior designer, etc. career fields are encouraged to learn the concepts covered in the class.

PROTOTYPING AND DESIGN 2

Grade 10-12 (year)

Credit: 1 credit

This course gives students an opportunity to work with Computer Aided Design software and CNC technology in the scope of product development to help students develop concepts and skills needed to communicate ideas across a broad range of engineering industries. Students will investigate concepts in electricity, CNC manufacturing, 3d modeling, laser engravers, plasma cutting, Computer Aided Design software, safety, product development and teamwork in the workplace. Model making and prototyping will be emphasized during this class. Students looking into engineering, machining, architecture, landscaping, interior designer, etc. career fields are encouraged to learn the concepts covered in the class.

Prerequisite -Prototyping and Design 1

NWTC INTRO TO CNC MILLING AND G-CODE

Transcribed Credit (2 NWTC credits)

Grade 11-12 (Year) (Offered 2026-27)

Credit: 1 credit

This course will cover shop safety around CNC milling machines, CNC milling machine controls and preparing basic G-Code milling programs, Cartesian coordinate systems, G-Code programs for milling machines, and using a personal computer to create geometry and programs using CAD CAM systems for CNC milling machines. Students who sign up for this course will be enrolled in NWTC as a student and must adhere to the academic standards of NWTC (details on pages 5-7 of this document). In addition students completing this course are eligible to receive a CNC helper Certificate.

Prerequisite- CNC Prototyping and Engineering or Instructor Approval

WOODWORKING I

Grade 9-12 (Year)

Credit: 1 credit

This course is an introduction into the woodworking industry. Units of study will focus on the materials, processes, and safe operation of the tools and equipment necessary to manufacture woodworking projects. Project planning, prototyping, wood joints, construction and use of jigs and fixtures, quality control as well as career choices will be explored. Class developed projects will be entered in the NWTC Tech Challenge for merit and scholarship. Students are responsible for the cost of project materials.

Prerequisite - None

WOODWORKING II

Grade 10-12 (Year)

Credit: 1 credit

This is an advanced course in woodworking and will include the study of different materials, methods, and equipment necessary to fabricate projects. This course is recommended for students interested in extending their knowledge in the woodworking trade. The student, with approval from the instructor, will be able to construct a project of their choice. Students are responsible for the cost of project materials.

Prerequisite - Woodworking I

INTRODUCTION TO HOME CONSTRUCTION

Prerequisite - Woodworking I

Grade 10 –12 (Year)

Credit: 1 credit

This is a hands-on home construction course in which learners will be exposed to key elements in the light construction skilled trades through the building of small structures. Emphasis will be on building planning, construction safety, blueprint reading, rough and finish carpentry, house wiring, house plumbing, home improvements, building codes, and the proper use of power and hand tools.

WELDING TECHNOLOGY 1

Prerequisite - None

Grade 10-12 (Year)

Credit: 1 credit

Welding Technology 1 is designed to provide instruction in the operation, construction, purchasing, and safety of electric arc welding, plasma torches, and oxyacetylene welding and cutting equipment. This includes: welding, fabrication, set up, cutting, various position techniques and safety. Welding processes covered in this course are shielded metal arc and gas metal arc. Cutting processes used will be oxyacetylene and plasma. Safety glasses are required for this course.

NWTC SHIELDED METAL ARC WELDING (WELDING TECHNOLOGY 2) Prerequisite - Welding 1 Transcribed Credit (1 NWTC Credit)

Grade 11-12 (Year)

Credit: 1 credit

Welding Technology 2 is a continuation of the material covered in Welding Technology 1. The emphasis of this course will be on gas tungsten arc welding, out of position welding techniques, plan reading, and the fabrication of student designed/chosen projects. It is also a reinforcement of the safety, welding procedures, equipment and sound welding practices learned in Welding Technology 1. Safety glasses are required for this course. Students who sign up for this course will be enrolled in NWTC as a student and must adhere to the academic standards of NWTC (details on pages 5-7 of this document).

AUTOMOTIVE TECHNOLOGY I

Prerequisite - None

Grade 11-12 (Semester)

Credit: .5 credit

This course is designed to provide the student, as a future automotive consumer, with a thorough understanding of the basic construction and operation of modern automobiles. Various automotive systems are covered to enable the average person to service and perform maintenance in the following areas: tools, vehicle maintenance, measurement, electricity, computer, brakes, and tire and wheel systems. Safety is also covered and stressed at all times. Lab and classroom participation is required to properly learn and service and maintenance procedures. Safety glasses are required for this course.

AUTOMOTIVE TECHNOLOGY II

Prerequisite - Auto Mechanics I

Grade 11-12 (Semester)

Credit: .5 credit

This course is a continuation of the service techniques, repair jobs, tune ups, and materials covered in Automotive Technology I. Emphasis will be on more complicated repair jobs such as tune-ups, driveability and performance, suspension, brakes, cooling, emission control, lubrication systems, powertrain, and fuel systems. Safety glasses are required for this course.

STEM STUDIES

Grade 10–12 (Semester)

Credit: .5 credit

This course gives students a chance to explore in depth one of the following STEM areas; Robotics, Fabrication, Welding, and CNC technologies. Each student will complete independent projects to validate their knowledge. The instructor will work with each individual as needed, but they are expected to work at a high level and independently. Students will be required to write up a scope and sequence of their project before beginning (a contract). Evaluation process will be set on an individual basis relative to the area of study the student chooses.

Prerequisite - GPA 2.0 or higher or instructor's permission

STEM STUDIES 2

Grade 11–12 (Semester)

Credit: .5 credit

This course is a continuation of the STEM Studies 1 giving Students a chance to repeat the experience. students a chance to explore in depth one of the following STEM areas; Robotics, Fabrication, Welding, and CNC technologies. Each student will complete independent projects to validate their knowledge. The instructor will work with each individual as needed, but they are expected to work at a high level and independently. Students will be required to write up a scope and sequence of their project before beginning (a contract). Evaluation process will be set on an individual basis relative to the area of study the student chooses.

Prerequisite - STEM Studies 1

BUSINESS EDUCATION

(Successful completion of Personal Finance is required for graduation)

PERSONAL FINANCE

Grade 11-12 (Semester)

Credit: .5 high school credit

In this course, students will examine a variety of finance and career topics. Students will learn about saving and investing, checking accounts, loans and credit, purchasing the right insurance policies, wise consumer practices. Students will leave this course on the "right track" when it comes to personal finance and career-entry preparation.

Prerequisite - None

COLLEGE MICROSOFT OFFICE APPLICATIONS

Transcribed Credit (2 NWTC Credits)

Grade 10–12 (Semester)

Credit: .5 high school credit

Become productive and efficient in the business/industry gold standard of production software, Microsoft Office. In this semester long course students will become proficient in Microsoft Word, Microsoft Excel and Microsoft Powerpoint. This class is HIGHLY recommended for COLLEGE-Bound students as many colleges and universities utilize Microsoft as its platform.

Prerequisite – None

PHOTOSHOP

Prerequisite - None

Grade 9- 12 (Semester)

Credit: .5 credit

This course will provide students with the opportunity to obtain foundation and advanced skills in various desktop publishing and multimedia programs including Adobe Photoshop, Illustrator, and InDesign. Students in this class will use these programs to create a variety of projects including calendars, t-shirts, books, flash based movie shorts, business cards, and great photos just to name a few. Older students are given enrollment priority if the course numbers are too high.

INTRODUCTION TO BUSINESS

Prerequisite- None

Grade 9-12 (Semester)

Credit: .5 high school credit

This course builds a solid foundation at the introductory level for students who are interested in the area of business as a future career. The class will give students a hands-on look into this exciting, expanding, and ever-changing career field by providing the opportunity for students to work with the tools needed to succeed. In this class, students will complete business projects dealing with management, promotion, economics, computer technology, and international business. Teamwork skills will be applied through real-life simulations and projects.

BUSINESS LAW

Prerequisite - None

Grade 10-12 (Semester)

Credit: .5 high school credit

This course will center on the study of law for business and personal use. Business Law is designed to introduce topics such as ethics, contract law, sales, court systems, employment, regulation of business, personal business/financial transactions in business, and personal law beginning with the origins of law. Students will be provided with practical guidelines for becoming well-informed, contributing citizens and consumers. This course is recommended to all students, especially those who are interested in business or law as a future career.

COLLEGE ACCOUNTING

Prerequisite - None

Transcribed Credit (4 NWTC Credits)

Grade 10-12 (Year)

Credit: 1 high school credit

In this course, students will perform record keeping and accounting tasks that take place in business through the use of manual and automated techniques. Students will gain real-world experience in completed accounting tasks for sole proprietorships and partnerships that are set up as a service and merchandising business. Activities include daily business transactions, payroll, taxes, and financial statement creation just to name a few. Students will leave with a strong foundation of how the financial side of a business works. This course is a MUST for students who plan to enter a career in the business world, plan to attend college or a university, or who may be interested in some day opening their own business.

YEARBOOK

Prerequisite - None

Grade 9–12 (Year)

Credit: 1 credit

This course is designed to teach the skills necessary to produce the school yearbook, which offers a complete record of an entire school year. The year begins by planning the coverage for the school year and designing a unifying theme for the book. Students will study layout and design techniques, writing and editing copy, headlines and picture captions. Students will learn strategies of planning, marketing, and distribution of the yearbook. Students will learn proofing strategies and work independently with photographers. Students will learn good work habits and are responsible for all phases of yearbook publication.

PHYSICAL EDUCATION

(Successful completion of 1.5 credits of Phy Ed & .5 credit of Health is required for graduation)

PHYSICAL EDUCATION I (Co-Ed)

Prerequisite - None

Grade 9 (Semester)

Credit: .5 credit

- The class will meet five days a week for the full semester, and students will receive on-half credit for the successful completion of the course.
- Uniforms: School-Issued T-shirt and approved shorts/jogging pants, tennis shoes, and socks. Each student must have clothes to change into. Failure to dress for class four (4) times during a semester may lead to dismissal from class.
- Students with valid medical excuses for an extended period of time will be assigned to a study hall for the duration of the excuse. If the student misses more than 9 weeks for the semester they must retake the course.

PHYSICAL EDUCATION II/III (Co-Ed)

Prerequisite - Phy Ed I

Grade 10-12 (Semester)

Credit: .5 credit

- The class will meet five days a week for the full semester, and students will receive one-half credit for the successful completion of the course.
- Uniforms: School-Issued T-shirt and approved shorts/jogging pants, tennis shoes, and socks. Each student must have clothes to change into. Failure to dress for class four (4) times during a semester may lead to dismissal from class.
- Students with valid medical excuses for an extended period of time will be assigned to a study hall for the duration of the excuse. If the student misses more than 9 weeks for the semester they must retake the course.
- **Concurrent Enrollment**
- While taking this course, a Beginning Archery class, **BEGINNING ARCHERY(PE 180)**, can be given during the archery unit. The class requires 15 class hours and 1 college credit will be given through UW Oshkosh.

STRENGTH TRAINING TECHNIQUES (INTRO STRENGTH & COND) (Co-Ed) Prerequisite - Phy Ed I
Concurrent Enrollment Course (KINESIOLOGY 201) and consent of instructor

Grade 10-12 (Semester)

Credit: .5 high school credit and/or 1 UW-Oshkosh credit

Students can take this class at the same time as PE 113 and get 2 credits in one semester

This course will discuss goal-setting, theory, and practice of training in the development of muscular strength and endurance, agility, cardio respiratory endurance, speed development, and other aspects of exercise that relate to sport. Topics of discussion will include: identification of the muscles of the body, physiology of movement, training and rehabilitation of the body, program development, plyometrics, etc.

WEIGHT TRAINING (PE 113) (Co-Ed) Prerequisite - Phy Ed I and
Concurrent Enrollment Course (Phy Ed 113) consent of instructor

Grade 10-12 (Semester)

Credit: .5 high school credit and/or 1 UW-Oshkosh credit

Students can take this class at the same time as Kinesiology 201 and get 2 credits in one semester

This course is designed to introduce the students to weight training principles, methodologies, and techniques for improving muscular strength and endurance through program design. Methods of training will include machines, free weights, and training without apparatus. Orientation to the equipment. Safety and proper technique will be emphasized.

FITNESS FOR LIFE (Co-Ed) Grade 10-12 (Semester) Prerequisite - Phy Ed I
ACTIVE LIFESTYLE Concurrent Enrollment Course (PE 105) and consent of instructor

Credit: .5 high school credit and/or 2 UW-Oshkosh credits

Students can take this class at the same time as Health 106 and get all 5 credits in one semester

Active Lifestyle is a study of the effects of lifestyle, wellness and health promotion on the individual. This class motivates students by learning the science based information of exercise, taking that information and using it to develop a fitness plan that can be used for the rest of their life. This fitness plan will include an appropriate balance of meal planning, cardiovascular, and strength training. This class requires 25 lecture hours.

PERSONAL HEALTH AND WELLNESS Concurrent Enrollment Course (Health 106)

Credit: 3 UW-Oshkosh credits

Students can take this class at the same time as PE 105 and get all 5 credits in one semester

This course is designed to provide students with knowledge to improve or maintain health and wellness throughout the lifespan. Emphasis will be placed on the seven dimensions of wellness and how the information relates to the individual, the community, classroom and client. In addition, the student will develop a fitness plan that can be used for the rest of their life. This fitness plan will include an appropriate balance of meal planning, cardiovascular, and strength training. This class requires 25 lecture hours.

HEALTH Prerequisite - None

Grade 9 (Semester)

Credit: .5 credit

Health education includes the study of physical, social, and emotional factors which affect our health and how we cope with these factors. This includes the major health hazards in our lives and how to make

responsible decisions to deal with them. Finally, health education will prepare us for emergency situations, many of which can be life threatening.

<u>UNITS COVERED:</u>	Mental & Emotional Health	Family & Social Health
	Nutrition & Personal Health	Human Growth & Development
	Disease Prevention and Cause	Substance Use, Abuse, and Misuse

OTHER EDUCATIONAL OPPORTUNITIES

NURSING ASSISTANT – Start College Now

Prerequisite - None

Grade 11-12 (Semester)

Credit: .75 high school credit

This class prepares the students to take the State/National competency evaluation. The evaluation includes a clinical and a written component. Passing this evaluation certifies one for beginning employment in the health and nursing field as a Certified Nursing Assistant (CNA). Technical colleges as well as many other health programs are requiring CNA certification as an entry requirement. There are two phases: The classroom phase is 90 hours of mandatory classroom instruction. Any missed classroom hours must be made up. Excessive absences could mean dismissal from the class. The classroom phase includes specific nursing aid skills, body system function, infection control, safety in the healthcare setting, and communication skills. The clinical phase is 35 hours, outside of the regular school day, in a clinical setting. Requirements for the clinical phase are: A two-step TB skin test, recommended Hepatitis B immunization series, and completion of a background information disclosure form, uniform, gait belt, and attendance of all clinical hours. Students must earn a “C” or better to participate in clinicals. The cost of the state exam, uniforms, immunizations, TB skin test, and transportation to and from the clinical site, are the responsibility of the student and/or parent/guardian.

STUDENT TUTOR (Non-Academic Elective)

Prerequisite - Consent of counselor

Grade 11-12 (Semester)

Credit: .5 credit

As a student tutor you will be expected to assume responsibility not often offered to high school students. At the same time, that responsibility offers some unique opportunities in the school. Keep in mind your tutoring will allow you to make a difference for someone else, as well as for yourself. Student Tutors will have to sign a student tutor handbook and may tutor in the Elementary , Middle, or High School.

TEACHER AIDE (Non-Academic Elective)

Prerequisite – Teacher approval

Grade 11-12 (Semester)

Credit: .5 credit

Teachers seek responsible students to assist them in the classroom, laboratory, or work site in performing a variety of services. Students must receive the approval of a specific teacher to sign up for this service credit. Assessment: Students will need to demonstrate skills, tasks, and responsibilities associated with being an aide. Assessment will include one or more of the following: a written assignment reinforcing what they have learned, exam comprised of essay questions pertaining to the area of being an aide, and/or a portfolio.

VOCATIONAL PROGRAM

Prerequisite - Application Process

Trades/Manufacturing fields

Grade 11 (2nd Semester) and Grade 12 (1st-2nd Semester)

The Vocational School at Peshtigo High School blends required core coursework with manufacturing skill standards training, precision measurement certifications, work ethic certifications, enrichment activities, and on-the-job career related training. Students are in the classroom setting three hours per day to complete academic requirements, certifications, enrichment activities, and employability skills. The remainder of the school day is spent with a business partner, receiving hands-on experience in their chosen career field.

CAREER READINESS/WORK EXPERIENCE I

Prerequisite - Employment

Grade 12 (1st Semester) (3 hour block)

Credit: 1.5 credits

In this course, students will participate in on-the-job training at local businesses. There will be a one hour "soft skills" class that students will participate in. The students will develop a CAREER PORTFOLIO in job readiness skills, interviews, resumes, and career assessment. Students will also earn an ISO certified safety certification. Additionally there will be mandatory field trips to local trade, manufacturing, and business settings. The remaining two hours, students will be released for 10 hours of required work experience per week (M-F)

CAREER READINESS/WORK EXPERIENCE II

Prerequisite - Passing grades in Career Readiness/Work Experience I and pass ISO Safety Certification

Grade 12 (2nd semester/3 hour block)

Credit: 1.5 credits

This is a continuation of Vocational Study Program I. The students will work 15 hours per week (M-F) at an approved job site. There will be no class instruction for Vocational Study Program II.

Non-Discrimination Statement Policy

The District is committed and dedicated to the task of providing the best education possible for every student in the District. With this goal in mind and consistent with legal requirements, the District shall not unlawfully discriminate on the basis of sex (including gender identity, gender expression and nonconformity to gender role stereotypes), race, religion, color, national origin, (including limited English proficiency), ancestry, creed, pregnancy, marital or parental status, sexual orientation, homelessness status, and physical, mental, emotional or learning disability/handicap in its co-curricular, recreational or activities or in admission or access to programs or activities (including vocational/career & technical education programs) offered by the District.

Reasonable Accommodations

An opportunity will be available during the selection process for persons with disabilities to advise the District of any need for reasonable accommodation.