

NORTHWESTERN ***TIGERS***



Course Description Book 2019-2020

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UPDATES TO THE COURSE BOOK FOR 2019-2020

Early College Credit Program - Updates to the Early College Credit Program have been changing over the course of the year. This year grades 9-12 can be included in the program, where in the past it was only 11th and 12th. There will also be a summer session for the first time that students can apply for by the March 1st deadline. As always, students cannot exceed 18 credits and if you do not pass or successfully complete the class you will need to reimburse the school for the cost of the course and materials.

Mr. Nyhus Updates - We have made a few changes to our agriculture classes. Vet Science and Wildlife will be 1 term classes instead of 2 terms. We are hoping this change will make scheduling these classes easier for students.

College American Lit 222- An additional prerequisite has been added to the description of this course. Students have to have a minimum STAR Score of 1000. This score will help us determine if students have the reading level needed to read and interpret college level material.

AP Calculus and Math 240/241- Very exciting news that we will now be running calculus for a full year because enrolled students will be eligible to apply for the Early College Credit Program. Through ECCP students will be enrolled in Math 240 first semester and Math 241 second semester. These classes will be through UWS but taught by Mrs. Amys at NHS. Each semester will be worth 4 college credits, a total of 8 credits if they finish the whole year. That converts to 2 high school credits. It is important to note that students will be dually enrolled in HS and College and if for any reason the student wants to drop or cannot complete the class it will be their responsibility to reimburse the school for the cost of the course. Students will have the choice to take calculus as an AP class if you do not wish to be dually enrolled.

Microsoft Office Suite- Mrs. Johnson will be offering a course that is 1 term long, however, you may be able to take it up to three times. This course will provide the opportunity to become certified in each area of the Microsoft Office Suite- Powerpoint, Excel and Word. The certifications earned can be used with future employers to show off your skills.

Intro to College Trig and Stats- This is now a 2 term course for 1 full credit. Additional topics will be covered to get seniors prepared for the entry level math needed in college.

INTRODUCTION

Welcome to the 2019-2020 edition of the Northwestern High School Course Description Book! Some of you have been through the registration process as a parent before. For others of you, this is your first time. There is a certain excitement when signing up for new classes. There is the excitement of trying something new. There is the excitement of finally being able to take a class you have been looking forward to taking. There is the excitement of moving from one grade level to the next!

This Course Description Book has been prepared to aid students and their parents in planning courses which will help them reach their future goals. It includes information describing the courses offered by each department; lists requirements and electives for each of the school years; and identifies requirements or suggested pathways to help prepare for graduation, post-secondary educational and employment options. One of the great things about being in high school, and in particular NHS, is that this is a time to experiment and be exposed to a wide variety of experiences. Even if you have a career goal in mind, I highly encourage you to take advantage of the various elective-type courses we have available. NHS offers a wide variety of opportunities in areas such as art, music, technology and agriculture as well as electives in math, social studies, language arts, physical education and science. Taking advantage of the variety we have to offer provides our students the opportunity to gain a wide spectrum appreciation for areas that complement our standard academic curriculum. As I said, this is a time in your life to experiment. By taking a class outside of your main interest area you may find that you have an interest or talent in something you didn't know you had before!

Registration is a partnership between school, parent and student. I highly encourage parents to review the information included in this guide and to spend some time with your son or daughter to discuss the various course offerings included here. Please feel free to contact our Student Services Department at any time to ask questions or to get additional information.

This Course Description Book is not only a planning tool, but is also a resource. Used alongside the Student Handbook that students are given at the beginning of each school year, you will hopefully be provided with all the information you “ever wanted to know” regarding the policies, guidelines and opportunities that go with being a student at NHS.

Thank you for taking the time to read this brief introduction. I know you will find the information in the following pages very informative. Our Student Services Department will be meeting with each student and will work diligently to insure that the courses your son/daughter take not only fit into his/her career pathway, but also allow enough room to “experiment” and try new things.

Enjoy the process. Enjoy the advantage which is high school!!

Mark Carlson, NHS Principal

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FROM STUDENT SERVICES

REGISTRATION INSTRUCTIONS

When choosing courses, a student's career goals, learning style, and interests should be taken into consideration. Students are encouraged to take full advantage of the many opportunities available at Northwestern High School.

*Students should **SELECT CAREFULLY!** Many administrative decisions are made based on the course registration. Such things as budget, class size, and teacher assignments are based on the student registration.*

1. All students must register for a **MINIMUM OF 7.0 CREDITS.**
2. When taking more than 7.0 credits, students should consider the difficulty of the classes and the time involved in other co-curricular activities of school.
3. Schedule changes will be considered only in the extremely unusual circumstances and with administrative approval. Approved schedules must be completed by June 1st.
4. After school begins, students may add a class if an opening exists during a period in which they are scheduled for a study hall.
5. **NO CLASS OFFERING IS GUARANTEED!** Because of limited registration enrollments and the needed approval by the Board of Education for all classes, some classes may eventually be canceled. Students will have the opportunity to choose an additional class should a class be canceled.

NORTHWESTERN HIGH SCHOOL GRADUATION REQUIREMENTS

All students must complete a minimum of 28 credits. This is a list of the minimum credits which must be earned in designated subject areas, Grades 9 through 12.

Subject	Minimum Credit to Graduate	Subject	Minimum Credit to Graduate
English	4.0	Computer Applications	0.5
Social Studies	3.0	Physical Education	1.5
Mathematics	3.0	Personal Finance	0.5
Science	3.0	Electives	12.5

WEIGHTED GRADING SCALE

A	93 - 100%	5.0	C	73 - 76.99%	2.5
A-	90 - 92.99%	4.584	C-	70 - 72.99%	2.084
B+	87 - 89.99%	4.166	D+	67 - 69.99%	1.666
B	83 - 86.99%	3.75	D	63 - 66.99%	1.25
B-	80 - 82.99%	3.334	D-	60 - 62.99%	.834
C+	77 - 79.99%	2.916	F	0 - 59.99%	0

TWELVE POINT GRADING SCALE

A	93- 100%	4.0	C	73 - 76.99%	2
A-	90 - 92.99%	3.667	C-	70 - 72.99%	1.667
B+	87 - 89.99%	3.333	D+	67 - 69.99%	1.333
B	83 - 86.99%	3.00	D	63 - 66.99%	1
B-	80 - 82.99%	2.667	D-	60 - 62.99%	.667
C+	77 - 79.99%	2.333	F	0 - 59.99%	0

Important Note to Seniors....

All graduation requirements and student obligations (fines, detentions, etc.) must be met before a student may participate in the graduation ceremony. Appeals related to requirements, graduation, or participation in the graduation ceremony are subject to review by the high school principal. Students that plan on participating in the graduation ceremony are required to attend the scheduled graduation practice. **IT IS THE STUDENT'S RESPONSIBILITY TO MAKE SURE ALL GRADUATION REQUIREMENTS ARE MET.**

TRANSFER STUDENT REQUIREMENTS

Transfer students bring with them specific individual needs. They come to us from other Wisconsin public school systems, parochial school systems, private education, home-based education, and school systems from other states. Some students bring with them educational records which aid in their placements in our district. Other students come to us without sufficient educational records, making placement in the proper grade level and/or program difficult. Refer to the School District of Maple Policy Number 01.1, Transfer Students for more information.

GRADUATION ELIGIBILITY

At the end of the third term seniors who obviously cannot meet graduation requirements established by the Board of Education, School District of Maple, shall be informed of their deficiencies in writing and the student should not plan to participate in graduation exercises. Parents or guardians of students in this situation will be notified when this status becomes known.

GRADE CLASSIFICATION

Grade Classification is determined by obtaining the following credits:

To advance to 10th Grade: Students must have successfully completed a minimum of 7 credits.

To advance to 11th Grade: Students must have successfully completed a minimum of 14 credits.

To advance to 12th Grade: Students must have successfully completed a minimum of 21 credits.

★ *For all other purposes students will remain part of their cohort they entered high school with their freshman year.*

STUDENT LEADER

There are certain courses that offer a student the opportunity to become a student leader. A student will be allowed to be a student leader a maximum of two times during any given school year with teacher approval. Each student leader course will be graded with a Pass or Fail which will not be calculated in his or her GPA.

DRIVERS EDUCATION

Northwestern High School does not provide driver's education services; however, there are local private companies available. Please contact student services for a listing of local private companies who offer driver's education.

WORKING TOGETHER

Northwestern High School offers an exemplary educational experience. It has a high quality staff and a comprehensive educational program. However, unless you take advantage of the opportunities available to you, they are meaningless.

Students are encouraged to participate actively in school life, go beyond the graduation requirements, take full advantage of what is available here at Northwestern and work hard to realize their full potential.

Education is a partnership between parents, students and the school. Parents are invited to actively participate in their student's educational program. We encourage all parents to contact us with any questions or concerns they might have relative to their student's status in school. The entire staff of Northwestern High School stands by ready to help students and parents in the registration process. The Northwestern High School Student Services staff is available to provide special help and assistance.

SPECIAL PROVISIONS

STUDENTS WITH EXCEPTIONAL EDUCATION NEEDS

Schedules for pupils with exceptional educational needs or requirements will be developed between the special education teacher, student and parent/guardians in accordance with the I.E.P.

EARLY COLLEGE CREDIT OPTION and START COLLEGE NOW

Formerly known as YOUTH OPTIONS

As a result of legislation, 11th and 12th grade pupils may have an opportunity to enroll at an institution of higher education in Wisconsin and take courses that may lead to credit toward high school graduation.

The Youth Options statute was renamed the Early College Credit Program. The statute allows Wisconsin public and private high school students to take one or more courses at an institution of higher education for high school and/or college credit. Under this section, "institution of higher education" means an institution within the University of Wisconsin System, a tribally controlled college, or a private, nonprofit institution of higher education located in the state. Admittance will depend on meeting entrance requirements, the availability of space, and the type of class. The school district, by law, will determine whether the course satisfies state graduation requirements, and if any high school credit is to be awarded to the pupil.

A letter and pamphlet is given to students in grades 9, 10, 11, and 12 in August of each year notifying of fall, spring, and summer semester deadlines for applications which is October 1st and March 1st. The applications then are subject to board approval. Applications for enrollment can be obtained in the guidance office.

College credit courses, that are approved for student participation and paid for by the School District of Maple, will be added to the student's transcript and grades that are earned in these courses will be included in the student's cumulative G.P.A. Youth Options course grades are not weighted (as are Honors and AP Courses taught at NHS). The maximum number of credits that are paid for by the School District of Maple is 18. Post-Secondary credits are calculated on a 4-1 ratio. (Example: A 3 credit post-secondary course earned is equivalent to .75 high school credits.)

EARLY GRADUATION

Students expecting to meet requirements in January of their senior year may apply for early completion of high school. Applications are available from the guidance office. ***Students must apply by April 1 of his or her junior year. In extremely special circumstances and with administrative approval, a student may apply for early graduation prior to November 1 of his or her senior year.***

CAREER INFORMATION SERVICE

BADGERLINK.NET

Has career information services. It provides students with up-to-date information on careers, employment trends, and emerging opportunities - www.U.S.News.com & www.collegenet.com are also sources of information.

Student planning services include a career research tool, career planning guide, decision making guide, college databases, and financial aid information. Included in this service are detailed career information articles, decision-making and communication activities, and resources that help users do further study on their own. In addition, students can take a short interest and skill inventory to generate career possibilities to explore.

For more information, please refer to the NHS Student Services web page.

COLLEGE REQUIREMENTS

Students who plan to enter college should check the catalog of their college choice or The College Handbook to determine the specific entrance requirements. In addition to special course requirements, most colleges require a minimum class rank. Class rank is determined by cumulative grade point average (GPA) accumulated throughout the student's high school career.

Students wishing to attend a 4-year school should take the following courses according to Gearing up for College Admission by the University of Wisconsin system:

- **4 years of English**, including composition and literature (English 12 or AP English as a senior, Writing for Publication & Yearbook are excellent electives).
- **3 years Social Studies**, including history.
- **3 years of Math (Some Universities require 4)**
- **3 years of Natural Science**, including one or more units of lab science such as biology, chemistry, or Physics.
- **2 years of a single Foreign Language** is strongly advised and required in some UW system universities (and most others).
- Computer skills are becoming increasingly important for college bound students.

VOCATIONAL/TECHNICAL COLLEGES

Program requirements for technical programs are frequently more demanding than those at some 4-year colleges. Students in Wisconsin have outstanding education opportunities available to them in technical colleges. However, one must prepare for these opportunities while in high school. The selection of the right courses in high school is necessary if you plan to take advantage of technical college programs after you graduate.

You may get into some 2-year and 4-year colleges with less than the above recommendations; some colleges will require more. Students are strongly advised to investigate admission standards at colleges and universities they are considering. Catalogs, The College Handbook, bulletins, and other information may be found in the library "reserve section" and in the Student Services office. The internet can be an excellent source of information. You may also write the "Admissions Office" of the school of your choice to obtain a bulletin and any specific information you may desire.

ACT

Most 4-year colleges require the ACT plus writing Assessment. All juniors in the state of Wisconsin will complete this exam at their school on a designated date. Workkeys is a career readiness exam that can indicate proficiency in various employability skills. ACT preparation tools are available on the NHS Student Services web page www.nw-tigers.org.

NOTE TO PARENTS

We believe it is very important for you to be sure your child follows a program in high school that will provide a good background for any career field as well as for a successful college experience. For more information, you may access the NHS Student Services web page at www.nw-tigers.org.

COURSES AVAILABLE BY GRADE LEVEL

ENGLISH	GRADE LEVEL				CREDITS
English 9	9				1.0
English 10		10			1.0
American Literature			11		1.0
Honors American Literature/American Literature 222			11		1.0
English 12				12	1.0
AP English Literature and Composition				12	1.5
Writing for Publication I		10	11	12	0.5
Writing for Publication II		10	11	12	0.5
Writing for Publication III			11	12	0.5
Writing for Publication IV			11	12	0.5
Yearbook I		10	11	12	0.5
Yearbook II		10	11	12	0.5
Public Speaking		10	11	12	0.5
Writing I		10	11	12	0.5
Writing II		10	11	12	0.5
Novels		10	11	12	0.5

FOREIGN LANGUAGE	GRADE LEVEL				CREDITS
Spanish I	9	10	11	12	1.0
Spanish II		10	11	12	1.0
Spanish III			11	12	1.0
Spanish IV			11	12	1.0

SOCIAL STUDIES	GRADE LEVEL				CREDITS
Social Studies 9 - American History/Government	9				1.0
Social Studies 10 - American History		10			1.0
Social Issues		10	11	12	0.5
The Mind and Human Behavior			11	12	0.5
The Free Market and Money			11	12	0.5
Law & Justice			11	12	0.5
The Constitution			11	12	0.5

MATHEMATICS	GRADE LEVEL				CREDITS
Advanced Algebra I	9				1.0
Algebra IA	9	10			1.0
Algebra IB	9	10	11		1.0
Geometry		10	11	12	1.0
Algebra II		10	11	12	1.0
Pre-Calculus			11	12	1.0
AP Calculus AB and Calc 240/241				12	2.0
Intro to College Trig and Stats				12	1.0
Algeo		10	11	12	1.0
Technical Engineering Mathematics		10	11	12	1.0
Foundations of Mathematics	9	10			0.5

COMPUTER SCIENCE & COMPUTER APPLICATIONS	GRADE LEVEL				CREDITS
Computer Applications I	9	10	11	12	0.5
Computer Applications II		10	11	12	0.5
Desktop Publishing		10	11	12	0.5
Programming Explorations I		10	11	12	0.5
Programming Explorations II		10	11	12	0.5
Microsoft Office Suite		10	11	12	0.5

SCIENCE	GRADE LEVEL				CREDITS
Earth Science	9	10	11	12	0.5
Intro to Physics	9	10	11	12	0.5
Intro to Chemistry	9	10	11	12	0.5
Environmental Biology	9	10	11	12	0.5
Cellular Biology	9	10	11	12	0.5
Hereditary Biology	9	10	11	12	0.5
Anatomy & Physiology of Humans		10	11	12	1.0
Chemistry I		10	11	12	1.0
Chemistry II		10	11	12	1.0
AP Chemistry			11	12	1.0
Physics Exploration			11	12	1.0
Honors Biology			11	12	1.0
Forensic Science & Medical Terminology			11	12	1.0

PHYSICAL EDUCATION	GRADE LEVEL				CREDITS
Physical Education 9	9				0.5
Physical Education 10		10			0.5
Physical Education 11/12			11	12	0.5
Fitness/Aerobics		10	11	12	0.5
Strength and Conditioning		10	11	12	0.5
Team Sports/Competitive Sports		10	11	12	0.5
Recreational Physical Education			11	12	0.5
Physical Education Student Leader			11	12	0.5

FINE ARTS	GRADE LEVEL				CREDITS
Introduction to Art	9	10	11	12	0.5
Sculpture	9	10	11	12	0.5
Ceramics	9	10	11	12	0.5
Stained Glass	9	10	11	12	0.5
2-D Explorations	9	10	11	12	0.5
Drawing		10	11	12	0.5
Painting		10	11	12	0.5
Digital Photography		10	11	12	0.5
Art Student Leader			11	12	0.5
Art History			11	12	1.0
Honors Art				12	0.5
Jewelry/Metal Work	9	10	11	12	0.5
Graphic Art		10	11	12	0.5
Art Studio	9	10	11	12	0.5
General Music			11	12	0.5
Concert Choir	9	10	11	12	0.5/1.0
Choir Student Leader		10	11	12	0.5
Band	9	10	11	12	0.5/1.0
Music In Film	9	10	11	12	0.5
Music in Film Student Leader		10	11	12	0.5
Music Theory and History		10	11	12	0.5
Music Theatre	9	10	11	12	0.5
Theater		10	11	12	0.5

AGRICULTURE	GRADE LEVEL				CREDITS
Agriscience: Introduction to Plants and Animals	9	10	11	12	0.5
Agriscience Student Leader			11	12	0.5
Great Outdoors	9	10	11	12	1.0
Wildlife	9	10	11	12	0.5
Large Animal Science	9	10	11	12	1.0
Small Animal Science	9	10	11	12	0.5
Veterinary Science	9	10	11	12	1.0
Agricultural Literacy & Leadership	9	10	11	12	0.5
Alternative Energies and Agriculture	9	10	11	12	1.0
Plant Science	9	10	11	12	1.0

TECHNOLOGY AND ENGINEERING	GRADE LEVEL				CREDITS
Intro to Construction	9	10	11	12	0.5
Construction I	9	10	11	12	0.5
Building Construction		10	11	12	1.0
Intro to Metals	9	10	11	12	0.5
Metals I	9	10	11	12	0.5
Tiger Manufacturing		10	11	12	1.0
CAD		10	11	12	0.5
Robotics	9	10	11	12	0.5
Student Leader				12	0.5/1.0

<u>FAMILY AND CONSUMER SCIENCES</u>	GRADE LEVEL				CREDITS
Teen Living	9	10	11	12	1.0
Foods for Today I	9	10	11	12	0.5
Foods for Today II	9	10	11	12	0.5
Introduction to Culinary Foods		10	11	12	0.5
World Food Cultures		10	11	12	0.5
Fashion Textiles and Design	9	10	11	12	0.5
Skills for Life		10	11	12	1.0
Infant & Toddler/Foundations of Early Childhood Education			11	12	1.0
Design and Housing	9	10	11	12	0.5
Family and Consumer Sciences Student Leader			11	12	0.5/1.0

<u>BUSINESS/MARKETING EDUCATION</u>	GRADE LEVEL				CREDITS
Introduction to Business	9	10	11	12	0.5
Accounting I		10	11	12	1.0
Accounting II		10	11	12	1.0
Personal Finance			11	12	0.5
Introduction to Marketing	9	10	11	12	0.5
Sports Management	9	10	11	12	0.5
Entertainment Management	9	10	11	12	0.5

<u>CAREER EXPLORATION</u>	GRADE LEVEL				CREDITS
Office Services		10	11	12	0.5
Student Tutoring			11	12	0.5
School Supervised Work Experience Program (Work for Credit)			11	12	Up to 2.0
Library Services			11	12	0.5

COURSE OFFERINGS

ENGLISH

Graduation Requirements - 4 total credits (3 required + 1 credit English elective)

Required Courses: English 9, English 10, American Literature or Honors American Literature or American Literature 222

English Electives: English 12, AP English Literature and Composition, Writing for Publication I, II, III and IV, Yearbook I and II, Public Speaking, Writing I and II

***Beginning with the Class of 2021, Writing for Publication and Yearbook courses will not be used as an English credit for graduation. They will be elective status only.**

ENGLISH 9 (0101)

Course Type: Required
Credit/Duration: 1 credit / 2 terms
Grade Level: 9
Prerequisite: None

English 9 is required for all freshmen. Students will develop communication skills through reading, writing, listening, and discussing. Students will read short stories, plays, essays, and novels to gain understanding of themselves and others. Students will improve writing and critical thinking skills through discussion and regular writing assignments, using the 6-traits writing terminology. Selections include *Romeo and Juliet* by Shakespeare and *The Odyssey*. The units we study should help students communicate better with others in and out of school and improve in all areas of literacy.

ENGLISH 10 (0121)

Course Type: Required
Credit/Duration: 1 credit / 2 terms
Grade Level: 10
Prerequisite: English 9

This is a reading and writing intensive course that focuses on literature from across the world through various time periods and genres. Students will focus on works dating back to Shakespeare and running up to modern times. There will be several writing opportunities through journals, formal papers, essays, and creative writing. Students will get the opportunity to improve their writing not only through these aforementioned practices, but also through a study of the structure of the language by way of weekly looks at sentence structure.

AMERICAN LITERATURE (0131)

Course Type:	Required (<i>American Literature, Honors American Literature or American Literature 222 will meet this requirement</i>)
Credit/Duration:	1 credit / 2 terms
Prerequisite:	English 9, English 10

This course will cover literature of the United States from the time of John Smith and the early settlers through 20th century authors. In order to better understand and discuss the authors of this period, such concepts as plot, character, setting, symbol, theme, tone and satire are reviewed through examples of modern American poetry, drama, history, short stories, and biography. Activities in grammar, writing, speaking, and vocabulary improvement will also be provided. Essay writing will also be a major focus of this class. Required course readings may include *The Crucible* by Miller, *The Adventures of Huckleberry Finn* by Twain, *In Cold Blood* by Capote, *The Things They Carried* by O'Brien, and *To Kill a Mockingbird* by Lee.

HONORS AMERICAN LITERATURE/AMERICAN LITERATURE 222 (0133 and 0134)

Course Type:	Required (<i>American Literature, Honors American Literature or American Literature 222 will meet this requirement</i>)
Credit/Duration:	1 credit / 2 terms Weighted Grading Scale
Grade Level:	11
Prerequisite:	Student must be in the top 50% of their class and have a cumulative GPA of 3.0 or higher; Student must have achieved a "B" or higher in English 9 and English 10; Students must also have a minimum STAR score of a 1,000. This class cannot be taken if student has already taken American Literature.

(Note: Do not take this class unless you are prepared to read challenging books, often with daily reading assignments of 30+ pages.) This course is a faster-paced and more content-laden version of American Literature designed for students who plan to continue their educations after high school and who might also be interested in taking AP English Literature and Composition their senior year. Students will study "classic" American authors with emphasis on such selections as *The Adventures of Huckleberry Finn* by Twain, *The Crucible* by Miller, *To Kill a Mockingbird* by Lee, *In Cold Blood* by Capote, *The Scarlet Letter* by Hawthorne, and *Catch 22* by Heller. Writings, timed and/or assigned, will give students the opportunity to practice both expository and narrative writing. They will also practice writing and developing thesis statements and topic sentences into lucid paragraphs and essays while continuing to develop their personal writing styles. Independent work will be required wherein students will read and analyze literary pieces outside of class and subsequently submit written literary analysis.

American Literature 222 - In addition to what will be covered in Honors American Literature, this class will include one research paper, 1 oral presentation, 3-4 essay exams, and a final exam. The oral presentation will consist of groups of 2-3 students leading class discussion, presenting research on works of literature.

If you sign up to take this class, there will be required summer reading/class work and possibly an exam at the beginning of the semester class. A meeting will be held before you leave for summer to give you the materials and to discuss the class in detail.

This is a college level course worth 3 college credits through UW Superior.

Cost: If the student does not achieve a passing grade In American Literature 222, does not successfully complete or drops the class, he/she will be responsible for reimbursing the course fee of \$300 paid by the district.

ENGLISH 12 (0141)

Course Type:	Elective (<i>Beginning with the class of 2021, English 12 or AP English Literature and Composition will be required</i>)
Credit/Duration:	1 credit / 2 terms
Grade Level:	12
Prerequisite:	American Literature, Honors American Literature <u>or</u> American Literature 222 will meet this requirement

English 12 is designed and organized to provide learning activities so the mature student can better survive in the world of work. Students will review grammar, mechanics and usage as needed to write coherently and will study the vocabulary and structure of their language to better understand what they read. They will hone their public speaking skills in order to be more confident participants in their work and community environments. They will also read some of the best that has been thought and said in the world: Chaucer, Shakespeare, Donne, Wordsworth, Dickens, etc., etc.

Beginning with the class of 2021, English 12 will be required of all students NOT taking AP English Literature and Composition.

English 12 is articulated through WITC for credit. See teacher for complete details.

AP ENGLISH LITERATURE AND COMPOSITION (0157)

Course Type:	Elective (<i>Beginning with the class of 2021, English 12 or AP English Literature and Composition will be required</i>)
Credit/ Duration:	1.5 credits / 3 terms Weighted Grading Scale
Grade Level:	12
Prerequisite:	Honors American Literature, American Literature 222 or teacher approval

This advanced literature course will engage students in careful reading and analysis of a challenging set of literary works from a range of genres including the novel, short story, poetry, and drama from around the world. The focus of the course will be on intensive reading and discussion of world literature, as well as on introducing secondary critical essays for discussion and evaluation.

The course is designed to teach beginning-college level writing focusing on expository, analytical, and argumentative writing regarding various types of literature through both discussion and essay format. Students are expected to be active readers as they analyze and interpret textual detail, establish connections among their observations, and draw logical inferences leading toward an interpretive conclusion. Students may be given a syllabus and summer reading list prior to taking this course and be required to take a test on the first day of class on that material. Those who do not pass the test will not be allowed to remain enrolled in the course.

Successful completion of this course will prepare students to take the AP exam in May.

WRITING FOR PUBLICATION I (0147)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: Teacher Approval

Writing for Publication I is a comprehensive class focusing on journalistic principles and techniques. Students develop writing methods and will be staff members of the student publication *The Octagon*. Students learn layouts, photography, proofreading and interviewing. Students work independently and aggressively to discover news stories.

WRITING FOR PUBLICATION II (0148)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: Writing for Publication I and teacher approval

Using skills learned in Writing for Publication I, Writing for Publication II students will plan, research, write, and edit articles for area publications and the school newspaper. They will learn Microsoft Publisher to produce *The Octagon*. Students will enhance their layout, photography, proofreading, interviewing and writing skills.

WRITING FOR PUBLICATION III (0149)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 11, 12
Prerequisite: Writing for Publication II and teacher approval

Writing for Publication III students will use skills learned and exercised in Writing for Publication I and II. Students may be the editors of *The Octagon* - assigning stories, providing leads, proofreading, assisting reporters, designing pages and ultimately being responsible for issues on a rotating basis. Students will write extensively.

WRITING FOR PUBLICATION IV (0150)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 11, 12
Prerequisite: Writing for Publication III and teacher approval

Writing for Publication IV is the final stage of your high school journalistic career. Students work as editors of *The Octagon* and are responsible for all aspects of the publication. Students are encouraged to provide a copy to outside newspapers and magazines.

YEARBOOK I (0151TP 2 term skinny or 0156TP full year skinny)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
1 credit / full year skinny
Grade Level: 10, 11 12
Prerequisite: Teacher approval

Members of this class will produce the school yearbook, the Black and Gold. Students will learn to use a digital camera, to research and write copy, to plan the theme and overall design of the book, to set a budget and live by it, to produce the book via the Josten's Web Page.

YEARBOOK II (0152TP 2 term skinny or 0158TP full year skinny)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
1 credit / full year skinny
Grade Level: 10, 11, 12
Prerequisite: Yearbook I and teacher approval

An advanced level class for those students who have mastered the skills taught in Yearbook I and are ready to lead, teach, and organize a yearbook staff by serving as editor(s), business manager(s), and tech support.

PUBLIC SPEAKING (0165)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: None

Did you say what you thought you said, hear what you thought you heard? Students will give impromptu as well as formal speeches (informative and or persuasive), participate in discussion groups and/or debates, conduct interviews, and learn to research and organize their thoughts for oral presentations. Class members will also be responsible for the morning reading of announcements and students will be graded on their delivery.

WRITING I (0167)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: None

This course is designed to help serious writing students refine and expand their writing ability. Recognizing that whole language skills reinforce each other, the course integrates thinking, reading, writing, listening and speaking. Students will write to learn to articulate understanding and objectify data. Students will soon discover that they establish ownership when they commit themselves to written discourse. Writing projects will include short stories, poetry, persuasive essays, and research papers, among others.

WRITING II (0168)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Writing I

This course, like Writing I, is designed to help serious writing students refine and expand their writing abilities by integrating thinking, reading, pre-writing, writing, listening and speaking skills.

Emphasis is placed on each aspect of this process. Students are trained to think critically as they read and reread for clues of intent, meaning, and technique. They are guided through the strategies of prewriting as they learn to accumulate support to verify their conclusions. Through this whole process students are encouraged to both speak and listen to each other as means of exploring possibilities and giving and receiving input.

The ability to identify and analyze, as well as to imitate the variety of styles and conventions that characterize quality writing is vital to students at this level.

NOVELS (0136)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: None

This course will focus on the genre of the novel. Novels is a course for readers who want an opportunity to be exposed to high quality literature. The course will analyze what makes a novel a “classic” and how some novels are timeless. The course will examine the social, political, historical, and cultural beliefs that have shaped the authors and the stories they have told. As well, through class discussion, the course will analyze social issues addressed in the works and their connections to contemporary society.

FOREIGN LANGUAGE

Graduation Requirements - all credits count towards the 12.5 general elective credits

Please note:

For those intending to go on to a four-year college or university degree, most private colleges/universities recommend study of two years of a single foreign language in high school. Additionally, most colleges/universities require additional study as a college exit requirement for graduation. High school study enables one to meet any such requirements more easily and if a college placement test is available, provides the student with free test out credits. It is your responsibility as a student preparing for future career preparatory goals to research requirements of individual college entrance prerequisites; some university programs require or recommend three or more years high school level study.

SPANISH I (0179 full year skinny or 0171 2 terms)

Course Type: Elective
Credit/Duration: 1 credit / 1 full year skinny or
1 credit / 2 terms
Grade Level: 9, 10, 11, 12
Prerequisite: None

Introductory Spanish consists of a communicative proficiency approach to foreign language learning. Emphasis is based on intensive listening, speaking, memorization, and reading/writing skills in Spanish.

Topics include novice to intermediate level use of basic expressions to communicate about who we are. Vocabulary will consist of basic introductory phrases, descriptions of people and things, activities that we participate in as well as our families and friends. Culture will be shared through music and videos.

SPANISH II (0174 full year skinny or 0173 2 terms)

Course Type: Elective
Credit/Duration: 1 credit / 1 full year skinny or
1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: "C" or higher in Spanish I

Spanish II is a continuation of Spanish I. A communicative proficiency approach to foreign language learning continues as the students move from a novice high level of proficiency to an intermediate high level. The skills of listening, reading writing and speaking are still emphasised and both student and teacher are expected to use Spanish in the classroom almost exclusively.

Topics include intermediate level use of basic expressions from Spanish I as well as vocabulary to discuss in more depth where we live, daily routines, clothing and what we eat. The Spanish II curriculum also includes the use of 2 Spanish leveled readers which will include access to the culture of Spain, Mexican and/or Peru. Culture will also be shared through music and videos.

SPANISH III (0175)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 11, 12
Prerequisite: "C" or higher in Spanish II

Spanish III provides students the opportunity to use the language learned previously to explore cultural and historical topics and to move their proficiency level from intermediate towards advanced. Therefore, they will begin to incorporate the use of the past tense into their speaking, reading, writing and listening abilities.

Themes will include three of the following; the Spanish Civil War, Legends, Immigration, Art, Baseball, Bullfighting, the Environment and Gastronomy. Vocabulary and grammar will be taught through the use of Spanish leveled readers as well as a variety of speaking, writing and listening activities.

SPANISH IV (0177)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 11, 12
Prerequisite: "C" or higher in Spanish III

Spanish IV provides students the opportunity to use the language learned previously to explore cultural and historical topics and to move their proficiency level from intermediate towards advanced. Therefore, they will begin to incorporate the use of the past tense into their speaking, reading, writing and listening abilities.

Themes will include three of the following; the Spanish Civil War, Legends, Immigration, Art, Baseball, Bullfighting, the Environment and Gastronomy. Vocabulary and grammar will be taught through the use of Spanish leveled readers as well as a variety of speaking, writing and listening activities.

**Spanish III and IV are taught together, however the themes will rotate on an A/B schedule. The expectation is that the Spanish IV students will work to move their proficiency level towards the advanced proficiency level.

SOCIAL STUDIES

Graduation Requirements - 3 total credits (3 credits required)

Required Courses: Social Studies 9, Social Studies 10, Social Issues

Social Studies Electives: Law and Justice, The Constitution, The Free Market and Money, and The Mind and Human Behavior

SOCIAL STUDIES 9 - AMERICAN HISTORY/GOVERNMENT (0201)

Course Type: Required
Credit/Duration: 1 credit / 2 terms
Grade Level: 9
Prerequisite: None

This course is an introduction into the study of the American system of government and the history of its development. The content moves logically and chronologically from the founding of our nation and its government through the Civil War. Students will also become aware of the organization, issues and problems facing today's American Government at the local, state, and national levels, and how citizens can be affected both directly and indirectly by their government's decisions.

SOCIAL STUDIES 10 - AMERICAN HISTORY (0231)

Course Type: Required
Credit/Duration: 1 credit / 2 terms
Grade Level: 10
Prerequisite: Social Studies 9

This course is designed to investigate and examine the historical, political, economic and social development of our nation primarily from Industrialization to the Present. The main goal of this course is to teach the students to think like a historian; being able to justify an argument with logic and evidence. Students will analyze how the events of the past have shaped the policies of America today. The course consists of analyzing primary and secondary sources, guest speakers, and classroom debates. Students will create a genealogy project to examine their own family history. Lastly, students will examine current events and discuss how they impact the world.

SOCIAL ISSUES (0242)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Social Studies 9 and Social Studies 10

The goal of the class is to help students understand the effects of the group on human behavior. The focus will be placed on topics such as: sociologists and research, culture, socialization, social structure and society and deviance. Special projects include: proving/disproving a conventional social wisdom topic using the scientific method, comparing a foreign culture to our own and identifying and discussing social issues that affect us and the people around us.

THE MIND & HUMAN BEHAVIOR (0252)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Social Studies 9 and Social Studies 10

The Psychology component focuses on information related to one's own development and behavior. Students will be exposed to the following areas of psychology: human development, learning and the cognitive process, workings of the mind and body, psychological disorders, and intelligence.

THE FREE MARKET & MONEY (0253)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Social Studies 9 and Social Studies 10

This course has been developed to teach the basic theories of Macroeconomics at an introductory level. Students will learn that people are forced to make decisions based on wants, needs and incentives in a world full of scarcity. Students will be exposed to the following economic topics: economic systems, supply and demand, determining prices, money, banking and the Federal Reserve, government and business, inflation and unemployment.

LAW & JUSTICE (0248 2 term skinny or 0246 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Social Studies 9 and Social Studies 10

This course is especially recommended to anyone who wishes to work in the criminal justice system and will include the study of what transpires from entry into the system at the time of arrest and exit from the system at the completion of probation or parole. This course includes study of the court system of the state of Wisconsin and the federal court system.

THE CONSTITUTION (0249 2 term skinny or 0247 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: "B" or higher in Social Studies 9 and Social Studies 10; Teacher approval

Students will study the U.S. Constitution and the time period during which it was written, court cases addressing constitutional issues, specifically cases dealing with high school students and controversial issues currently on the docket. It is strongly encouraged for anyone who is considering law school.

MATHEMATICS

Graduation Requirements - 3 total credits (1 credit required + 2 credits Mathematics electives)

Required Courses: Advanced Algebra I or Algebra IA/Algebra IB

Mathematics Electives: Technical Engineering and Mathematics, Geometry, Algebra II, Pre-Calculus, AP Calculus AB, Introduction to College Trigonometry and Statistics, Algeo, Foundations of Mathematics

Please note:

- Students are strongly encouraged to take a math course in each of their four years of high school.
- Students must take a minimum of Algebra II to meet minimum enrollment requirements for most colleges and universities.

ADVANCED ALGEBRA 1 (0307)

Course Type: Required - *Advanced Algebra 1 or Algebra IA/Algebra IB will meet this requirement*

Credit/Duration: 1 credit / 2 terms

Grade Level: 9

Prerequisite: "B" or higher in Math 8 and a score in the 75th percentile or higher on the 8th grade STAR Math Test

Advanced Algebra 1 is a study of families of functions with a focus on linear and quadratic functions over one semester. You will learn how to represent these functions in a multiple ways and solve problems using those representations. In addition to Algebra content you will also be introduced to lessons on probability and data analysis.

ALGEBRA 1A (0305 full year skinny or 0308 2 terms)

Course Type: Required - *Algebra IA/Algebra IB or Advanced Algebra I will meet this requirement*

Credit/Duration: 1 credit / 1 full year skinny or
1 credit / 2 terms

Grade Level: 9, 10

Prerequisite: "D-" or higher in Math 8. A score in the 30th percentile or higher on the 8th grade STAR Math Test

This course will include: an introduction to Algebra, solving equations, polynomials, factoring and Algebraic fractions.

ALGEBRA 1B (0306 full year skinny or 0309 2 terms)

Course Type: Required - *Algebra IA/Algebra IB or Advanced Algebra I will meet this requirement*

Credit/Duration: 1 credit / 1 full year skinny or
1 credit / 2 terms

Grade Level: 9, 10, 11, 12

Prerequisite: Algebra IA

This course is a continuation of Algebra IA and will include an introduction to Algebra, solving equations, polynomials, factoring and Algebraic fractions.

GEOMETRY (0311 full year skinny or 0310 2 terms)

Course Type: Elective
Credit/Duration: 1 credit / 1 full year skinny or
1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: Advanced Algebra I or Algebra IA and Algebra IB

Geometry is a study of reasoning skills and problem solving skills. The reasoning and problem solving skills will be developed around congruence, similarity, properties of lines, triangles, quadrilaterals, and circles. You will also be introduced to lessons on trigonometry, probability, data analysis and algebra.

ALGEBRA II (0312)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: Geometry

Algebra II includes a study of first degree equations and inequalities; further study in quadratics and probability; and a study of radical equations as well as an introduction to sequences and series. You will learn how to represent these functions in multiple ways and solve problems using those representations.

PRE-CALCULUS (0321)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 11, 12
Prerequisite: Algebra II

Pre-Calculus covers topics that will be required for Calculus. Topics include: composite and inverse functions; polynomial and rational functions; exponential and logarithmic functions; trigonometric functions; identities and equations; and conic sections. You will learn how to represent functions in multiple ways, and how to solve problems with these representations.

AP CALCULUS AB AND UW-SUPERIOR CALC 240/241 (0352)

Course Type: Elective
Credit/Duration: 2.0 credits / 4 terms
Grade Level: 12
Prerequisite: "C-" or higher in Pre-Calculus and passing the UW system placement test

Calculus can be taken for dual credits through UWS or as AP Calculus. The course will follow the topics outlined by UWS. The course is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus with concepts results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are demonstrated through the unifying themes of derivatives, integrals, limits, approximation, applications, and modeling. CALC 240 and 241 will be considered dual credit through the Early College Credit Program. CALC 240 will be worth 4 college credits and 1 high school credit. CALC 241 will also be worth 4 college credits and 1 high school credit. You can earn 8 college credits total if you complete the full year of calculus. If you do not complete the course for any reason or fail it will be your responsibility to reimburse the school for the cost of the credits. While dually enrolled it is important to note that you will be a UWS student and dropping the course will have to follow their guidelines.

INTRODUCTION TO COLLEGE TRIGONOMETRY AND STATISTICS (0325)

Course Type:	Elective
Credit/Duration:	1.0 credit / 2 terms
Grade Level:	12
Prerequisite:	Algebra II

Students will focus on trigonometric topics such as graph analysis, trigonometric equations, fundamental identities, and analytic trigonometry. Students will also be introduced to college statistics. Statistical topics discussed include displaying and describing data, the normal curve, regression, probability statistical inference, confidence intervals, and hypothesis tests with applications in the real world.

ALGEO (0324)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	10, 11, 12
Prerequisite:	Successful completion of Advanced Algebra I <u>or</u> Algebra IA <u>and</u> Algebra IB

This course is intended for students that need a stronger foundation in any or all areas of mathematics. Students may take this course at any time in their mathematics pathway after they have successfully completed Advanced Algebra I or Algebra IA and Algebra IB. However, students will be recommended to take this course after Geometry or Algebra II if there is a need to increase fundamental skills to be successful in the next course in natural progression. Students will find greater confidence, and strengthen their foundational skills in the areas of algebraic functions, geometry, probability and statistics, trigonometry and data analysis.

TECHNICAL ENGINEERING MATHEMATICS (0316)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	10, 11, 12
Prerequisite:	Geometry or Algeo

This course is intended for students interested in a Technical math and/or an Engineering career. Some of these include Agriculture, Agribusiness, Business/Marketing, Health Occupations, Industrial Technology, Utilities fields. The class will include hands on projects along with mathematical skills review needed for these types of careers. Some of the mathematical skills will come from statistics, algebra, trigonometry, geometry, and physics. Some class projects may include landscape design, mousetrap car, building a bridge, build a catapult (needs distance and accuracy) etc.

FOUNDATIONS OF MATHEMATICS (0314)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10
Prerequisite:	Placement will be determined by STAR scores and recommendation of math department faculty

This course is will be primarily for students that do not meet the requirements to be placed into Algebra 1A or Algebra IB. This course will compose of the fundamental skills needed to be successful in the area of mathematics. This course will help to close the gap in the skills for students that are scoring below grade level on the STAR test.

COMPUTER SCIENCE & COMPUTER APPLICATIONS

Graduation Requirements - total credits 0.5 (required course)

Required Courses: Computer Applications I

Electives: Desktop Publishing, Programming Explorations I, Programming Explorations II, Computer Applications II, Microsoft Office Suite

COMPUTER APPLICATIONS I (0371 2 term skinny or 0370 1 term)

Course Type: Required
Credit/Duration: 0.5 credit / 2 terms skinny or
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

This course allows students to gain a working knowledge of software programs using a variety of activities. Word processing (Word), spreadsheet (Excel), desktop publishing (Publisher), presentation (PowerPoint), and Inspiration applications will be presented. It is required course for all 9th or 10th grade students. Information provided in this course relates to concepts that students can use on other assignments and help prepare them for today's high-tech world.

COMPUTER APPLICATIONS II (0378)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Computer Applications I

Hard to find what you need on the World Wide Web? How do they do it? Students will learn about some of the basic considerations of good Web design. This course will focus on design and construction, along with such topics as site layout, color schemes, and the use of images. Students will discover how publishing for the Web is different than publishing for paper-based documents. They will be provided the opportunity to develop websites that are easy to navigate and appealing to the eye.

DESKTOP PUBLISHING (0377)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Computer Applications I

Get the wheels turning and advance your computer skills in Desktop Publishing! This course is designed to acquaint students with personal computer publishing techniques that will include the creation of student projects such as brochures, promotional materials, and children's stories. Additional topics addressed include an introduction to layout design and the use of input technologies.

PROGRAMMING EXPLORATIONS I (0373)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: “B” or higher in Advanced Algebra I or Algebra IA and Algebra IB and Geometry

Students will learn and test their skills in a variety of programming languages through online courses. They will reach a certain level of competency in each language they explore, and at the end of the course create a program of some practical use with one of the programming languages they learn about. This course is self-paced and directed; the instructor will be available mainly in the capacity of giving direction and facilitating activities. Only highly motivated students that have a genuine interest in coding and programming should sign up for this course.

Grading: Grade will be based on number of coding languages “mastered” (at least 2 for an A) and on the quality of the final project of creating one’s own program through one of the coding languages learned.

PROGRAMMING EXPLORATIONS II (0374)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: “B” or higher in Programming Explorations I

A continuation of Programming Explorations 1; learning more programming languages and how they apply to websites and other digital products.

Grading: Grade will be based on number of coding languages “mastered” (at least 2 for an A) and on the quality of the final project of creating one’s own program through one of the coding languages learned.

MICROSOFT OFFICE SUITE

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Computer Applications

Students can take this course up to three terms to receive a Microsoft Certificate in Word, Excel and PowerPoint. Students will learn advance features through an online Microsoft program. Upon successful completion of the course, students will be awarded a certificate through the Microsoft Certification Program. The certificate would be great to put on a resume and show to future employers.

SCIENCE

Graduation Requirements - total credits 3 (detailed below)

REQUIREMENTS for students graduating in 2020, 2021, 2022, 2023:

Three credits of science are required. All three credits must be earned from six (0.5 credit) required classes or specific co-equivalent courses offered. The *six required courses are:*

0401 - Earth Science

0405 - Intro To Physics

0407 - Intro To Chemistry

0412 - Environmental Biology

0413 - Cellular Biology

0414 - Hereditary Biology

For students who just want to earn their three credits for graduation, it is recommended that you take one science credit as a freshmen, one as a sophomore, and the third as a junior. It is also recommended, but not required, that Earth Science, Intro To Chemistry, and Intro To Physics are taken before the Biology classes; and Cellular Biology must be taken before Hereditary Biology.

It is also recommended that incoming freshmen take at least two required science classes in their first year. Students planning on taking advanced science courses like Chemistry I & II, AP Chemistry, Physics Exploration, Honors Biology, Forensic Science, or Anatomy/Physiology are encouraged to complete Earth Science, Intro to Physics, Environmental Biology, and Cellular Biology in their freshman year and take Chemistry I in their sophomore year.

Chemistry I is a prerequisite for several higher level classes and should be taken as early as possible. Students on this path should complete Earth Science, Intro to Physics, Environmental Biology, and Cellular Biology in their freshman year and take Chemistry I in place of Intro to Chemistry by the end of their sophomore year.

Alternative Co-Credits: (AGRICULTURE COURSES)

0707 - Great Outdoors is a co-equivalent for 0412 - Environmental Biology

0711 - Plant Science is a co-equivalent for 0413 - Cellular Biology

0445 - Honors Biology, 0703 - Large Animal Science or 0705 - Small Animal Science are co-equivalents for 0414 - Hereditary Biology

0441 - Chemistry I is a co-equivalent for 0407 - Intro To Chemistry

These are the only Co-Credit classes offered in the science area.

EARTH SCIENCE (0401)

Course Type: Required

Credit/Duration: 0.5 credit / 1 term

Grade Level: 9, 10, 11, 12

Prerequisite: None

This course is designated as the study of major topics in the Earth Science area. Laboratory demonstrations and student experiments are performed to provide opportunities for better understanding of the scientific principles.

INTRO TO PHYSICS (0405)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

This course is designated as the study of major topics in Physics including, motion, forces, and energy. Laboratory demonstrations and student experiments are performed to provide opportunities for better understanding of the scientific principles.

INTRO TO CHEMISTRY (0407)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None
Co-Equivalent: 0431 Chemistry I with Teacher Permission

This course is designated as the study of major topics in Chemistry including the structure of the atom, chemical and physical changes, writing and naming compounds, balancing and identifying chemical reactions. Laboratory demonstrations and student experiments are performed to provide opportunities for better understanding of the scientific principles.

ENVIRONMENTAL BIOLOGY (0412)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None
Co-Equivalent Course: Great Outdoors (0707)

This course is designated as the study of major topics in Botany, Ecology, and Environmental Biology including the following topics: Plant structure, function and classification; Ecological populations, communities, and systems; Biodiversity and impacts of human activities.

CELLULAR BIOLOGY (0413)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None
Co-Equivalent Course: Plant Production (0711)

This course is designated as the study of major topics related to cell structure and function including the following topics: Biochemistry, Cells and Organelles, Cell Transport, Photosynthesis, Cellular Respiration, Cell Division, DNA and Protein synthesis.

HEREDITARY BIOLOGY (0414)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Cellular Biology
Co-Equivalent Course: Large Animal Science (0703) or
Small Animal Science (0705) or
Honors Biology (0445) with Teacher Permission

This course is designated as the study of major topics related to Heredity, Evolution, and Taxonomy including the following topics: Meiosis and Gene expression, Genetics, Biological Evolution, Classification, and selected current event topics.

ANATOMY & PHYSIOLOGY of HUMANS (0420 year skinny or 0421 1 semester)

Course Type: Elective
Credit/Duration: 1 credit / 1 year skinny or
1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: Cellular Biology

Anatomy and Physiology is an introduction and survey of the Anatomy (structure) and Physiology (function) of the systems found in the human body. Through discussion, lecture, demonstrations, dissections, and activities, students will explore the systems in the human body. Special emphasis will be given to common diseases and disorders related to humans, including symptoms and treatments. Any students interested in a medical career should consider taking Anatomy and Physiology.

CHEMISTRY I (0431)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: Intro to Chemistry (0407) *or* **Teacher Permission** if Intro to Chem is not taken

Chemistry I is a basic, fundamental laboratory oriented science. It deals with the study of the composition of matter and the effects produced upon matter by various changes. All students should gain new insight into the patterns, designs, and structure of the world in which they live. Knowledge, attitudes, and skills learned in chemistry are essential for persons planning to enter many occupational fields, particularly those such as medicine, engineering, research, and teaching.

Chemistry I will emphasize the structure and organization of matter and the language of Chemistry, including the writing and naming of chemical formulas and stoichiometry.

CHEMISTRY II (SC435)

Course Type: Elective
Credit / Duration: 1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: Chemistry I

Chemistry II is an advanced class and will cover many topics required for the AP Chemistry exam. Chemistry II will emphasize the phases of matter, gas laws, solutions, colligative properties, acids and bases, titrations, nuclear chemistry, and organic chemistry. Labs will be emphasized.

AP CHEMISTRY (0446)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	11, 12
Prerequisite:	Chemistry I and Chemistry II Weighted Grading Scale

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in Chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reaction, kinetics, thermodynamics, advanced acid & base reactions, electrochemistry, and equilibrium. It is possible to take AP Chemistry as a junior if Chemistry I & II are completed in your sophomore year.

PHYSICS EXPLORATION (0441)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	11, 12
Prerequisite:	Algebra II <u>and</u> Intro to Physics; teacher approval

Physics is an exploratory science course with lab component, dealing with the study of Matter, Energy, and Natural Laws. Topics in Physics include: Problem Solving, Measurement (*International System of Measurement*), Orders of Magnitude, Exponents, Scientific Notation, Dimensional Analysis, 1 and 2 – Dimensional Motion, Forces, Work, Energy, Momentum, and other Static and Dynamic Kinematics topics.

HONORS BIOLOGY (0445)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms Weighted grading scale
Grade Level:	11, 12
Prerequisite:	Environmental Biology, Cellular Biology and Chemistry I; Teacher approval is required

Honors Biology is a lab based course with an emphasis on student inquiry investigations. This course is designed for those students planning on continuing their science education after high school. It should be understood that this course has a fast paced rigorous curriculum requiring extra effort not expected in most other science classes. This course has a weighted grade scale worth 20% more toward grade point average than a normal class.

FORENSIC SCIENCE & MEDICAL TERMINOLOGY (0449)

Course Type:	Elective
Credit/Duration:	1.0 credit / 2 terms
Grade Level:	11,12
Prerequisite:	Chemistry I

This course combines the study of Forensic Science with Medical Terminology. This course presents numerous opportunities to integrate knowledge accumulated from other courses, including biological and physical sciences, mathematics, social sciences, and others. Students may expect forensic science activities such as: studying state-of-the-art methods of analysis, examination of classic and unique criminal cases, and lab analysis of physical evidence (such as soil, hair, glass, fibers, prescription drugs, poisons, fingerprints, and ink). The medical terminology portion of the class will focus on learning the meaning of terminology used throughout the medical field.

PHYSICAL EDUCATION

Graduation Requirements - total credits 1.5 (1 credit required + 0.5 credit physical education elective)

Required Courses: Physical Education 9, Physical Education 10

Physical Education Electives: Physical Education 11/12, Fitness/Aerobics, Strength & Conditioning, Team Sports/Competitive Sports, Recreational Physical Education

PHYSICAL EDUCATION 9 (0511)

Course Type: Required
Credit/Duration: 0.5 credit 1 term
Grade Level: 9
Prerequisite: None

Physical Education 9 is a continuation of the middle school physical education program. Improvement of skills from the middle school program will be stressed, and advanced skills will be introduced. Primary objectives of the course are health and physical fitness, enjoyment of lifetime individual sports and achievement in team sport activities.

Team games are employed to teach cooperation, teamwork and strategy. Activities can include and are dependent on our weather: Football, soccer, basketball, volleyball, softball, team handball, fitness testing, Strength & Conditioning, floor hockey, table tennis, LaCrosse, Archery, Badminton.

PHYSICAL EDUCATION 10 (0521)

Course Type: Required
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10
Prerequisite: Physical Education 9

Activities from Physical Education 9 will be continued with emphasis on skill development and team strategy. Activities will be taught to enhance individual/lifetime activity concepts. Team games are employed with greater emphasis toward individual leisure and lifetime activities. Primary objectives of the course are health and fitness, enjoyment of lifetime fitness, and development of flag football, soccer-speedball, archery, tennis, volleyball, table tennis, softball, basketball, badminton, team handball, floor hockey, strength & conditioning, and fitness testing.

PHYSICAL EDUCATION 11/12 (0531)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Physical Education 9 and Physical Education 10

The primary objectives are the further development of individual and team sports skills. Emphasis is placed upon the leisure and lifetime activities. Students are offered a wide variety of activities each semester.

Activities can include: Football, archery, volleyball, table tennis, softball, basketball, badminton, pickleball, strength & conditioning, team handball, and floor hockey.

FITNESS/AEROBICS (0545)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: Physical Education 9 and Physical Education 10

This course is designed for students interested in gaining knowledge, understanding and enjoyment of a healthy lifestyle. In Fitness / Aerobics class students will participate in mostly group fitness activities with limited sports and games. Emphasis is on information and skills necessary to develop: cardiovascular endurance, muscular strength, muscular endurance and flexibility. This is done through activities that may include: Step Aerobics, Yoga, Pilates, jogging/walking, basic calisthenics, Insanity, Tae Bo, and Zumba.

STRENGTH AND CONDITIONING (PE541)

Course Type: Elective
Credit/Duration: 0.5 credit 1 term
Grade Level: 10, 11, 12
Prerequisite: Physical Education 9 and Physical Education 10; Teacher approval

This course is open to a limited number of students in grades 10-12 interested in developing individual strength, power, and overall fitness. The students will learn the basics of: strength training, sprint workouts, agility, endurance, flexibility, and plyometric training. Students will also gain knowledge of the importance of goal setting, record keeping, nutrition, character education, and leadership skills. Students will learn proper weight lifting and training techniques from certified and trained staff using free weights and cardio equipment.

TEAM SPORTS/COMPETITIVE SPORTS (PE544)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: Physical Education 9 and Physical Education 10

This is an advanced physical education class for students interested in participating in traditional activities at an advanced level. Class activity emphasizes fitness through participation as well as higher level of skills and strategy. This class is recommended for students who enjoy team and individual competition at a competitive level. Activities can include: touch football, volleyball, ultimate frisbee, speedball, basketball, softball, soccer, badminton, and table tennis.

RECREATIONAL PHYSICAL EDUCATION (0530)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Physical Education 9 and Physical Education 10

Recreational Physical Education is designed for students interested in participating in traditional activities at a leisurely pace. Students will be introduced to various activities as fun and socially engaging options one might experience while participating for enjoyment of the activity. Activities may include: badminton, volleyball, pickleball, table tennis, bowling, golf, frisbee, frisbee golf, bocce ball, frisbee bocce, archery, kickball, horseshoes, croquet, kite flying, wiffle ball, etc. Grade 11 and 12 students may take this course as part of the physical education requirements and successful completion of physical education classes 9 and 10. Grade 12 students may take this course as an elective credit with teacher approval and successful completion of physical education class requirements.

PHYSICAL EDUCATION STUDENT LEADER (PE553)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Teacher approval

This course is open only to a limited number of junior and senior students and may not be taken in place of their regular physical education class.

This course is designed for those who may be interested in pursuing a career in the physical education field, or have a high degree of interest in this area. Student leaders will be involved with fitness development and assisting the physical education instructor in the teaching of individual skills in classes for grades 9-12. The student leader will also assist in administering physical fitness testing, officiating various class activities and other duties assigned by the instructor. Students interested (in this class) must maintain good academic standing in other classes, uphold behavior standards expected of a leader and be a positive influence and role model.

FINE ARTS - Arts & Music

Graduation Requirements - all credits count towards the 12.5 general elective credits

Art Electives: Introduction to Art, Sculpture, Ceramics, Glass 2-D Explorations, Drawing, Painting, Digital Photography, Art Student Leader, Art History, Honors Art, Jewelry and Metalwork, Graphic Art, Art Studio

Music Electives: Concert Choir, Band, Music in Film, Music in Film Student Leader, Music Theory & History, Music Theatre, Theatre

NOTE: All of the following art courses are offered in the belief that the goal of art education is the ability to think critically, solve problems, use techniques, skills, and disciplines to achieve personal expression of feelings, ideas, and experiences.

Students may not take more than ONE ART CLASS PER TERM AND THREE ART COURSES PER YEAR except as noted: Students who have identified art as their chosen career field may take more than one art course per term with **Teacher Permission**. **With the exception of Introduction to Art, you may take any art class more than once and receive credit.**

INTRODUCTION TO ART (0603 2 term skinny or 0601 1 term)

Course Type: Elective
 Credit/Duration: 0.5 credit / 2 term skinny or
 0.5 credit / 1 term
 Grade Level: 9, 10, 11, 12
 Prerequisite: None
 Fee: Yes - for materials

This is a basic art course, which develops an awareness of art history, explores the elements and principles of art, and develops art skills through a variety of media and projects. This class is a required as a prerequisite in order to take any other offered art class.

SCULPTURE (0602 2 term skinny or 0605 1 term)

Course Type: Elective
 Credit/Duration: 0.5 credit / 2 term skinny or
 0.5 credit / 1 term
 Grade Level: 9, 10, 11, 12
 Prerequisite: Introduction to Art
 Fee: Yes - for materials

A class for students to work in 3 dimensions using a variety of techniques and materials to do sculptural projects. We will explore sculpture in the round, relief carving, low relief assemblage, and some abstract constructions. This class should only be taken once each year.

CERAMICS (0606)

Course Type: Elective
 Credit/Duration: 0.5 credit / 1 term
 Grade Level: 9, 10, 11, 12
 Prerequisite: Introduction to Art
 Fee: Yes - for materials

Students will learn with several hand-building techniques and simple wheel thrown forms in order to create both functional and decorative work. This class will offer students the opportunity to try many different methods of glazing used in our electric kiln and expose them to the history of pottery fired using salt, wood, blackware, and raku methods. This class may taken multiple times.

STAINED GLASS (0604 2 term skinny *or* 0607 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Introduction to Art
Fee: Yes - for materials

Students will learn the fundamentals of the copper foil method used to create stained glass panels, laminated glass mosaics, bead making, and fusing. This class will have an emphasis on design and original compositions created by the students. This class may be taken multiple times.

2-D EXPLORATIONS (0609 2 term skinny *or* 0608 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Introduction to Art
Fee: Yes - for materials

Students interested in drawing, painting, and other two dimensional media, such as scratchboard, printmaking, collage, etc, will continue to learn and apply fundamentals of design as touched on in Introduction to Art. The elements and principles of art will be applied to projects produced by the student. This class may be taken more than once.

DRAWING (0611 2 term skinny *or* 0610 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Introduction to Art and 2-D Design
Fee: Yes - for materials

This is a basic drawing course concentrating on exploring a variety of techniques and materials. This class can be taken more than once, but should only be taken once a year.

PAINTING (0613 2 term skinny *or* 0612 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Introduction to Art and 2-D Design
Fee: Yes - for materials

Students will develop skills explored previously in 2-D Design class. Different painting media and styles will be emphasized. This class can be taken more than once, but should only be taken once a year.

DIGITAL PHOTOGRAPHY (0614)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
Grade Level: 10, 11, 12
Prerequisite: Introduction to Art

Students in Digital Photography will learn basic technical features of cameras and digital images such as file types, exposure basics (shutter speed, aperture, and ISO), lighting and white balance, and functions of various lenses and filters. In addition, students will learn and work with artistic aspects of photography including the rule of thirds, cropping, and composition. Students will manage and edit their work with Adobe CS. Photographs may be submitted to the yearbook or entered into contests as opportunities arise.

ART STUDENT LEADER (0636 2 term skinny or 0635 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: 2 classes of Art; Teacher approval

This course is designed to give the students experience in leadership and responsibility. Student must exhibit leadership qualities, have taken 2 classes of art with a favorable grade, and must have previously taken the class that they will be a student leader for.

The student will assist in projects, prepare projects for competitions, mat artwork, do bulletin board displays and other related jobs. Permission must also be obtained from the instructor with seniors being given priority. You will not be able to pre-register for this class; permission will only be given after the master schedule has been built.

ART HISTORY (0639)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 11, 12
Prerequisite: None

This course is an introduction to the study of western and non-European Art and its effects on mankind. The content moves chronologically from prehistoric to present day art. Students will produce art relevant to the periods of study. This course will be offered every-other year (2018-19, 2020-2021, etc.).

HONORS ART (0641)

Course Type: Elective
Credit/Duration: 0.5 to 1.5 credits / 1 to 3 terms
Weighted Grading Scale
Grade Level: 12
Prerequisite: Introduction to Art and 3 additional credit of Art; Teacher Approval

Students participating in Honors Art will complete/create a large portfolio (hard copy and digital copy) of work, which includes original ideas and artworks in addition to supporting written artist statements. May be taken as a term, 2 term or 3 term class. Registration is broken down into 3 classes; 1 class per half-credit.

JEWELRY/METALWORK (0646 2 term skinny or 0645 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Introduction to Art
Fee: Yes - for materials

Students will create jewelry and sculpture using metals. A variety of techniques such as soldering, fabrication, texturing and forming will be covered. This class may be taken only once per year.

GRAPHIC ART (0648 2 term skinny or 0647 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Introduction to Art

Students will create and manipulate images to meet specific guidelines. Emphasis will be placed on creating art with Adobe Creative Suite (Photoshop, Illustrator, etc) and using those artworks with other computer programs. Students may enter competitions and will produce posters and fliers as opportunities arise.

ART STUDIO SURVEY (0618)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Introduction to Art
Fee: Yes - for materials

Students will explore the artistic processes the NHS Art Department has to offer, if, after completion of Intro to Art a student unsure of which art class to take next. This course will provide students with a further exploration of ceramics, stained glass, jewelry, sculpture and a variety of 2D processes. At this point, this course will be designed to be team-taught.

GENERAL MUSIC (0651)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: None

This course is designed for the non-performance oriented student who wishes to study music. Areas covered will include music theory, beginning piano, and music history. Attendance at school concerts will be required as part of the course work.

CONCERT CHOIR (0653 full year skinny or 0652 2 term skinny)

Course Type:	Elective
Credit/Duration:	1 credit / full year skinny 0.5 credit / 2 term skinny (with teacher permission only)
Grade Level:	9, 10, 11, 12 - for full year skinny 10, 11, 12 - for 2 term skinny (with teacher permission only)
Prerequisite:	Teacher Approval
Fee:	\$5.00 - Shoe Rental

The choir studies all styles of music: sacred, secular, popular, and contemporary. Students will learn the fundamentals of music, i.e. note reading, counting, etc. Practice outside the class is required. Grades are based on class participation, concert participation, and vocal growth and written assignments.

The choir will present four concerts a year and will attend Large Group Festival in the spring. They will also sing at graduation. **ATTENDANCE AT ALL OF THESE EVENTS IS REQUIRED.**

Students may also compete in solo/ensemble contest in the spring and other choral events as approved by the instructor.

CHOIR STUDENT LEADER (0655)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	10, 11, 12
Prerequisite:	Current member of concert choir, Teacher Approval

This course is designed to give the student experience in leadership and responsibility. Students must exhibit leadership qualities and be a part of the concert choir at Northwestern. Students will assist in class preparation and will do additional research and projects with regards to choral music.

BAND (0661 full year skinny or 0660 2 term skinny)

Course Type:	Elective
Credit/Duration:	1 credit / full year skinny 0.5 credit / 2 term skinny
Grade Level:	9, 10, 11, 12 - for full year skinny 10, 11, 12 - for 2 term skinny
Prerequisite:	Teacher Approval

Senior band is for those students who have had a previous successful experience in band in school and have teacher approval. The band performs primarily as a concert band but also performs as a marching band in the fall and as a pep band for home football and basketball games. **ATTENDANCE IS REQUIRED OF ALL BAND MEMBERS AT ALL BAND PERFORMANCES.** Optional performing opportunities include: Jazz Ensemble, Pit Band, Solo-Ensemble Festival and various Honors Bands. While not required, students are encouraged to participate in them. Provisions are made for athletes in regards to pep band.

Outside of class practice is expected of each band member. Grades are based on an earned point system and subjective evaluation of musical growth by the teacher.

MUSIC IN FILM (0665)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

Music In Film serves as an elective to any student interested in the use of music in motion pictures. Much time will be spent watching films and listening to the film music as well as learning about film composers and the evolution of film music.

MUSIC IN FILM STUDENT LEADER (0667)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Music in Film; Teacher Approval

This course is designed to give the students experience in leadership and responsibility. Student must exhibit leadership qualities and have completed the Music in Film course successfully. Student will assist in class preparation and will do additional research with regard to film music.

MUSIC THEORY AND HISTORY (0670)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Teacher Approval

Music Theory and History primarily serves as a pre-collegiate course for those students who will be taking Music Theory and Music History as a freshman in college. It serves to give them the background information needed to help make that first year easier to understand. It also serves as a course for any student who would like to study music theory and history.

MUSIC THEATRE (0668)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Teacher Approval

Students in Theatre Class will attend a live theatrical performance (when possible) and be able to analyze, evaluate and create meaning in a broader social and cultural context in either written or oral form. Students will study the evolution of musical theatre from the beginnings of European opera to modern musical productions. They will have the opportunity to prepare a script and musical selections to be ready for direction, props, etc. Students will write a critical review of a live theatrical event, its effect on the audience, and its potential impact in a broader social and cultural context.

THEATER (0136)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: None

A class designed to help students better judge the quality of the plays, movies and TV shows they watch while learning to recognize their talents and develop them by becoming more expressive and more communicative both onstage and off. The course is performance based and will include units on improvisation, mime, voice and diction, acting, production, etc. The class is especially helpful to students interested in participating in Wisconsin High School Forensic Association competition or in our high school productions and/or community theater.

AGRICULTURE

Graduation Requirements - all credits count towards the 12.5 general elective credits

Electives: Agriscience, Wildlife, Large Animal Science, Small Animal Science, Veterinary Science, The Great Outdoors, Plant Science, Alternative Energies & Agriculture, Agricultural Leadership

Agriculture Education gives background to students interested in one of the over 200 careers in the Agriculture Industry which employs 20% of today's workers. All classes use practical application of the material covered. **Lab classes require wearing protective eye devices and proper clothing.**

INTRODUCTION TO AGRISCIENCE: PLANTS AND ANIMALS (0701)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

Have you ever wondered how your food gets from the farm to your kitchen table? AgriScience is a course designed to give students a variety of information regarding agriculture as it is today by cover topics related to large and small animals, forestry, natural resources, alternative energies, wildlife, horticulture and food. Activities, labs, and classroom discussions will be used to expose students to the many industries within agriculture and different opportunities within the industry.

AGRISCIENCE STUDENT LEADER (0700)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 11, 12
Prerequisite: Teacher Approval

This is an opportunity for one student per term to assist the Agriscience Teacher/FFA Advisor with classroom activities. This course is designed to give the student experience in leadership and responsibility. The student must exhibit leadership qualities and preferably be a part of the FFA at Northwestern. Student will assist in preparation of laboratory and other class activities.

GREAT OUTDOORS (0707)

Course Type: Elective
Credit/Duration: 1 credit / 2 term
Grade Level: 9, 10, 11, 12
Prerequisite: None
Co-Equivalent Course: Environmental Biology

This course is designed to take an in depth look at the natural resources of our world. After exploring a history of conservation in the U.S., students will learn about our valuable water supply, soil & mineral resources, and air pollution. A portion of this class will be spent on concepts in forestry management practices, learning how to identify forest trees and harvesting timber. Waste management, and a variety of outdoor survival skills will also be discussed. A portion of the learning laboratories may be done outside so students are expected to have proper protective clothing.

WILDLIFE (0708)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

Wildlife is a course that takes a look at not only different species of wildlife, but also various ecosystems, habitats and how the organisms interrelate with other organisms. The majority of this course will be spent on wildlife studying individual families of mammals, birds, fish, reptiles and amphibians. Wildlife management practices such as hunting, trapping and fishing will be discussed along with career opportunities in the field. Some class days may be spent outside, tracking and viewing wildlife when the weather is appropriate.

LARGE ANIMAL SCIENCE (0703)

Course Type:	Elective
Credit / Duration:	1 credit / 2 terms
Grade Level:	9, 10, 11, 12
Prerequisite:	None
Co-Equivalent Course:	Hereditary Biology

Large Animal Science is a course related to veterinary science. It will deal with such animals as – dairy and beef cattle, swine, sheep, horses, and goats. Areas of study include: animal nutrition, diseases, disease prevention, genetics, breeding selection, animal care, animal management, meat identification and animal rights and welfare. Areas also covered will be judging of the animals and proper classification. Students will learn basic veterinary care for each of the animals, such as administering medications and vaccinations. Incorporated into the class will be discovery through biotechnology. This course will help prepare students for a career in the Animal Science industry or the Veterinary Science industry.

SMALL ANIMAL SCIENCE (0705)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	9, 10, 11, 12
Prerequisite:	None
Co-Equivalent Course:	Hereditary Biology

Small Animal Science is a course related to veterinary science. It will deal with such animals as – dogs, cats, hamsters, aquarium fish, mice, rats, ferrets, birds, guinea pigs and others. Topics to be included are careers and employment opportunities, animal housing, nutrition, reproduction, care and handling, product marketing, laws and animal ethics, and production information. Proper administration of medications and vaccines will be covered. Students will learn how to care for the animals and gain an understanding of production practices of animals such as rabbits, chinchillas and others.

VETERINARY SCIENCE (AG706)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	Small Animal Science or Large Animal Science

Veterinary Science is a scientific study of both large and small animals used to prepare students interested in pursuing a career in Veterinary Medicine or as an animal caretaker in the research laboratory setting. A portion of this class will be spent learning about the anatomy & physiology of animals, specifically looking at the representative species, Dogs, Cats, Cattle, Pigs, and Horses. The skeletal, muscular, cardiovascular, lymphatic, digestive, respiratory, reproductive, renal, endocrine and nervous systems will be addressed. Students can also expect to learn about animal nutrition, office management, posology, parasitology, principles of disease, and animal management. In addition, students will be required to complete research and present reports on new veterinary technologies and techniques as it applies to changes within the veterinary industry.

AGRICULTURAL LEADERSHIP (0709)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

This course provides you with a brief overview of the agricultural industry. Topics include: agricultural history, food safety and science, animal science, plant science, careers in agriculture, basic soil science, FFA, and the basics of agricultural trade. You can expect to attain a level of agricultural literacy to be an educated consumer concerning the products and services the agricultural industry provides. There will be inside and outside classroom projects during this class.

ALTERNATIVE ENERGIES AND AGRICULTURE (AG712)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

Within this course, you will research, learn, and experience different types of alternative energy systems: wind, hydro, solar, geothermal, nuclear, and biodiesel, etc. In this course you will build a windmill, deduce energy needs for an individual, family, town, city, and nation. You will get an overview of solar cell production and economics. You will design and create different solar applications in groups using your experiences from the prerequisite courses to complete their projects. These projects include: Solar water heater, solar air heater, solar hot dog cooker, and the effects of light wavelength on solar panels. Finally, to finish this course you will learn about bio-digesters and biofuels. You will research the uses of both. The class will build a mini bio digester with materials given and demonstrate its use. You also will be given information on how to build a biofuel system.

PLANT SCIENCE (*AG711*)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 9, 10, 11, 12
Prerequisite: None
Co-Equivalent Course: Cellular Biology

Within this course you will learn plant biological process including growth, propagation, reproduction, genetics, and breeding. The students can expect to participate in growth rate, propagation, and breeding labs. You can also expect to learn about the agronomy industry specifically concerning plant production. You will gain an understanding of fertilizer and chemicals effect on the growth of a variety of production plants.

Similarly, within the horticulture area you will gain an understanding of the production scale of the horticulture industry. Also, you will learn about the different chemicals, methods, and techniques used in commercial plant production and floriculture. Finally, students will learn landscaping strategy. Design a landscaping plan including plant placement, tree management, shrub management, and water guidance.

TECHNOLOGY AND ENGINEERING

Graduation Requirements - all credit count towards the 12.5 general elective credits

Electives: Introduction to Construction, Construction I, Building Construction, Introduction to Metals, Metals I, Tiger Manufacturing, Engineering Design, Student Leader

Students in all Technology and Engineering classes should be aware that some of the courses do have costs associated with them. Students are allowed to bring materials (wood and metal) from home to avoid these costs. Students should also be aware that safety glasses are required and can be purchased from the instructor if necessary.

INTRO TO CONSTRUCTION (0723)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

Intro to Construction is designed to give students a broad experience with tools, materials, and processes used in the woodworking and construction industries. Topics covered in the course include: safe operation of modern construction equipment, blueprint reading, measurement, assembly processes, and an introduction to computer assisted design. Students will build required and individual projects using the skills acquired in the course.

This is a great exploratory course for any student who enjoys working with their hands and learning by developing hands on projects.

CONSTRUCTION I (0725)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Intro to Construction

Construction 1 is designed for students to further develop a student's skills with equipment use, project layout, project planning, joinery, and finishing. In addition students will learn about laminating, countertop construction, and cabinet construction. These skills will be used in the production of individual student projects and required cabinet making projects.

This course will also give students a basic understanding of residential construction. Foundations, floors, walls, roofs, and residential wiring will be covered in this class while using industry standard skills and equipment.

This is a great course for any student who enjoys working with their hands, project based learning, and is interested in pursuing a career in the construction, cabinetmaking, or architecture fields.

BUILDING CONSTRUCTION (0731)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	10, 11, 12
Prerequisite:	Construction I; Teacher Approval

Building Construction is a practical application course where students will construct full size buildings which could include cabins, garages, or sheds. Students learn about all the major residential construction systems, related building codes, jobsite safety, and tool and equipment safety. This course gives students a great hands on experience found only in a few schools statewide. I also provides a great opportunity to develop skills for future employment or to prepare for further training at the technical school level.

This is a great course for those students who enjoy building projects, learning through hands on experiences, and who want to better prepare themselves to become college and career ready. Building construction is a good choice for those students interested in pursuing careers in the construction, architecture, or civil engineering fields.

Building Construction is articulated through WITC for credit. See teacher for complete details.

INTRO TO METALS (0726)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

Intro to Metals is designed to give students a broad experience with tools, materials, and processes used in the welding, machine tool, and metal fabricating industries. Topics covered in the course include: Plasma cutting, Oxy-Fuel cutting, Arc Welding, MIG Welding, Lathe operation, Mill Operation, and basic metal fabrication processes. Students will develop individual and required projects using their skills with these processes.

This is a great exploratory course for any student who enjoys working with their hands and prefer project based learning.

METALS I (0727)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	Intro to Metals

Metals 1 gives students the opportunity to advance their skills in welding, cutting, machining, and metal fabrication. Equipment set up, capabilities, maintenance, and safety will be covered. Students will also learn how to properly prepare metal to be fabricated, understand the effects of heat on metal, read welding symbols, and successfully test welds. Emphasis will also be put on precision measurement and application of these skills with projects. Students will develop and use safe, efficient work habits to develop individual and required projects. Using the CNC plasma cutter will also be covered and used for the development of projects.

This is a great course for students who like working with their hands, prefer project based learning, and want to work towards being college and career ready for the many high demand occupations related to this course including welding and machining.

TIGER MANUFACTURING (0728)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	10, 11, 12
	Enrollment is limited
Prerequisite:	Teacher Approval

Tiger Manufacturing is a course where students will work together to develop practical application projects which could include the construction of a drop down ice shack, individual student projects, or projects requested by local businesses. Students will have to use safe, efficient, and industry standard work procedures to develop projects. Emphasis will be placed on project accuracy, quality control, blueprint reading, welding, machining, cutting, and metal fabricating by industry standards.

This is a great course for students who want to develop skills for employment, prefer project based learning, and want to work towards being college and career ready for the many high demand occupations related to this course including welding and machining.

Tiger Manufacturing is articulated through WITC for credit. See teacher for complete details.

CAD (0744)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	10, 11, 12
Prerequisite:	None

Computer Assisted Design is a class that gives students the opportunity to learn to use a computer as a design tool. Students will learn to use Solidworks, which is a design software used to design items such as cell phones, video game consoles, and automobiles. In addition the program is taught at local colleges and is used extensively in industry. Learning the program will be done through the development of realistic parts and assemblies. This course is a great opportunity for students interested in entering the career fields of engineering, mechanical design, robotics, and machine tool operation to name a few.

ROBOTICS (0745)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

This course will be designed around FIRST Robotics “Tech Challenge.” Students will work collaboratively in this class to design, build, problem solve, and complete a robot within the parameters given by FIRST. At the completion of the course, students will attend a competition for their robot as a cumulation of the work for the quarter to see how it performs against area schools. This class will be offered only during second quarter as that timeframe correlates with the regional competition. This course is a great opportunity for students interested in entering the career fields of engineering, mechanical design, robotics, and machine tool operation to name a few.

STUDENT LEADER

Course Type:	Elective
Credit/Duration:	Varies - please see below
Grade Level:	12
Prerequisite:	The student must have successfully taken the class in which he/she is going to be a student leader; Teacher Approval

Duration: 1 term or 2 terms

- TE733 - Intro to Construction – 0.5 credit / 1 term
- TE735 - Intro to Metals - 0.5 credit / 1 term
- TE737 - Construction I - 1 credit / 2 terms
- TE739 - Metals I - 1 credit / 2 terms
- TE741 - Tiger Manufacturing - 1 credit / 2 terms
- TE743 - Construction Technology - 1 credit / 2 terms
- MA745 - Engineer Design Student Leader - 1 credit / 2 terms

This course is open only to a limited number of seniors and may be taken in addition to their regular technology and engineering classes. The course is designed for those who may be interested in pursuing a career in technology education, or have a high degree of interest in this area. The student will assist the instructor in the teaching skills, and will develop special individual skills. The student will also assist in supervision, class activities, safety, minor machine maintenance, and other duties assigned by the instructor.

FAMILY AND CONSUMER SCIENCES

Graduation Requirements - all credits count towards the 12.5 general elective credits

Electives: Teen Living, Foods for Today I, Foods for Today II, Introduction to Culinary Cookery, World Food Cultures, Fashion Textiles and Design, Family Relations, Parenting and Early Childhood Services, Designs in Housing, Family and Consumer Education Student Leader

TEEN LIVING (HE750)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 9, 10, 11, 12
Prerequisite: None

Teen Living is a two term course for students who want to explore the areas of Family and Consumer Sciences. Content includes a large unit on food preparation focusing on breakfast, lunches and dinners, and building positive eating habits, understanding consumerism, advertising and your buying power, learning how to buy, fix, mend and launder your clothing, how to use a sewing machine to create a small project, discussion on topics of teen interest, Shaken Baby Syndrome (SBS), AODA material and making good decisions. Guest speakers when available.

FOODS FOR TODAY I (0755 2 term skinny or 0752 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

This is one term class introducing students to foods and nutrition information you can use every day. A strong emphasis is placed on the following units: Introduction to the kitchen, recipe skills, sanitation and safety, nutritional needs, analyzing your diet as well as labs dealing with basic cooking methods of a variety of foods. This class is a prerequisite to all other foods classes unless permission is given by the teacher.

FOODS FOR TODAY II (0760 2 term skinny or 0759 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny or
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: Foods for Today 1

This class takes the skills learned in Foods for Today 1 and covers the preparation skills and techniques of a variety of additional foods. Units covered are Eggs and Dairy, Fruits and Vegetables, Vegetarian Foods, Meats, Poultry, Soups, Stews, Seafood, Meal planning and purchasing foods. Analyzing our diets and how advertising impacts our food choices.

INTRODUCTION TO CULINARY FOODS (0753)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Food for Today I, Teen Living or Teacher Approval

This one term course is for students who want to learn new skills as they relate to food preparation, want to investigate careers in hotel restaurant, culinary field or baking. Units of study include Famous Top Chefs and their work, Food Wars activity, Types of restaurants and their specialties, career exploration how about being a food stylist or food photographer. It includes skills and attitudes needed for successful employment (especially in the foods industry), Many labs performed with guest speakers and often a field trip.

WORLD FOOD CULTURES (HE754)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Food for Today I, Teen Living or Teacher Approval

This term course studies world cultures and foreign foods cookery. An appreciation for national and regional (American) dishes along with meal planning for entertainment, gourmet foods, and a look at world hunger. Food Labs help to review differing techniques and tastes while guest speaker are asked in when available.

FASHION TEXTILES AND DESIGN (0756 2 term skinny or 0758 1 term)

Course Type: Elective
Credit/Duration: 0.5 credit / 2 term skinny
0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

This class is a must for anybody interested in fashion and clothing. Students will be exposed to a variety of ideas related to fashion trends, clothing selection, design, and fashion history. To get a better idea of the design principles students will be asked to work with several textiles in differing techniques to create projects that can be worn, or used within the home. Learning to use a sewing machine or taking their skills to a higher level. Special units review Project runway, and activities related to recycled projects hot off pinterest.

SKILLS FOR LIFE (0757)

Course Type: Elective
Credit/Duration: 1 credit / 2 term
Grade Level: 10, 11, 12
Prerequisite: None

This course is open to students interested in learning skills required for life. Whether you plan to live on your own or in a family, certain skills are important. Topics covered are living on your own or in a family, making good decisions, dealing with stress, how about your future?, how to get and keep a job, relationships, communication skills, discussions about current teen topics, teen health and safety, how to prepare basic meals with nutrition (some food labs), how do I maintain my clothing, sewing on a button and hemming my pants, etc.

INFANT AND TODDLER/FOUNDATION OF EARLY CHILDHOOD EDUCATION (0761)

Course Type:	Elective
Credit/Duration:	1 credit / 2 terms
Grade Level:	11, 12
Prerequisite:	None

This course is for anyone interested in working with children. It is a two term class that focuses on children of various ages and the career possibilities like being a preschool teacher, day care worker, nurse, doctors, etc. Areas of study are ages and stages of children, childbirth, care, disabilities, alcohol and drug related issues and problems, SID's (sudden infant death), SBS (shaken baby syndrome and head trauma), child abuse and neglect. Students taking this course will experience speakers, field trips to an area day care, Head Start, WITC and the hospital.

Parenting/Early Childhood Education is articulated through WITC for credit. See teacher for complete details.

DESIGN AND HOUSING (0764)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 terms
Grade Level:	9, 10, 11, 12
Prerequisite:	None

One term course for students interested in interior and architectural design. Do you like to arrange and decorate your room / home? Are you creative and love pinterest? Are you thinking of a career that will focus on design? Do you like art? This could be the class for you. Course topics will cover architectural styles, floor plans, color, textiles and design, home furnishings and arrangements. Share activities and projects you have discovered on many of the online sources. How about repurposing an item. Also discussed are units on housing needs, renting vs. buying, and careers in the housing industry. Lots of hands on activities. A field trip to Duluth is made to observe architecture, furniture styles, and flooring when possible.

FAMILY AND CONSUMER SCIENCES STUDENT LEADER

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term or 1 credit / 2 terms
Grade Level:	11, 12
Prerequisite:	At least 2 terms of Family and Consumer Sciences; Teacher Approval

This course is designed for juniors or seniors having a high degree of interest in the class content, or an interest in pursuing a career in one of the various occupations within the Family and Consumer sciences area. Students are expected to demonstrate leadership qualities! The student will assist the instructor in word processing, making bulletin boards, ordering food supplies, assisting other students with the projects and general maintenance of the room.

BUSINESS / MARKETING EDUCATION

Graduation Requirements - total credits 0.5 (required course)

Required: Personal Finance

Electives: Introduction to Business, Accounting I, Accounting II, Business Law, Introduction to Marketing, Sports Marketing, Entertainment Marketing, Marketing Management

INTRODUCTION TO BUSINESS (0785)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 9, 10, 11, 12
Prerequisite: None

Introduction to Business in a one term class that will provide an overview of the world of business. The students will be introduced to the business world as a consumer and entrepreneur. This course will introduce students to general and human resources management, business ethics and entrepreneurship. This course will provide a background for other business courses you may wish to take in high school.

ACCOUNTING I (0781)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: None

This accounting course presents the fundamental principles of accounting in keeping records of the financial activities of sole proprietorships and partnerships. Students will experience both manual and automated accounting. Extensive accounting vocabulary and theory challenges students to develop skills they will use in their personal life as well as a career in a business or accounting field.

Accounting I is a dual credit course through WITC.

ACCOUNTING II (0783)

Course Type: Elective
Credit/Duration: 1 credit / 2 terms
Grade Level: 10, 11, 12
Prerequisite: "C" or higher in Accounting I

This course offers an advanced examination of the language of business, expanding on key topics covered in the Accounting I class. Students explore areas of departmentalized accounting and control systems. There is an emphasis on corporation, management, and cost accounting in both manual and automated forms. The application involved in this course encourages the development of student decision-making skills and the opportunity to apply concepts to personal and professional situations.

Accounting II is a dual credit course through WITC.

PERSONAL FINANCE (0241)

Course Type:	Required
Credit/Duration:	0.5 credit / 1 term
Grade Level:	11, 12
Prerequisite:	None

Personal Finance is a term long class worth 0.5 credit. The goal of the class is to help students develop healthy money habits and understand key Personal Finance terms and issues. Over the course of the quarter, we will devote our time to the following topics: career planning, filing income taxes, saving and investing, budgeting, home and auto purchase, personal and property insurance, credit and credit cards. After students gain knowledge on the topics previously mentioned, they will apply that knowledge to the “Life Skills Project”. The Life Skills Project requires the students to apply what they have learned to real life financial situations that we all face at some point in our lives. At the conclusion of this course, students will be wise consumers of goods and services, which will increase their chances for financial success and independence.

INTRODUCTION TO MARKETING (0791)

Course Type:	Elective
Credit/Duration:	0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

MARKETING – Involves the many activities needed to get products/services from producers to consumers. It’s one of the most exciting and vital career areas you could ever explore.

This class is a must for all students who plan on succeeding in our very competitive Free Enterprise System. Students will be exposed to Marketing/Business, Economics and Human Relations. Activities will help students apply all of the marketing functions and relate them to any career opportunity. In addition, you will learn advanced skills in locating, applying for, and keeping a job. Students who enroll in this course will have the opportunity to use their acquired skills in the district, state, and international DECA competition.

Introduction to Marketing is articulated through WITC for credit. See teacher for complete details.

SPORTS MANAGEMENT (0788 2 term skinny or 0789 1 term)

Course Type:	Elective
Credit/Duration:	0.5 credit / 2 term skinny 0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

Today, more than at any time in history, the Sports and Entertainment industries have become two of the most profitable industries in the U.S. This course, sports marketing, is designed for students who have an interest in learning how “marketing” plays a role in sports. Study will focus on how personalities earn their income, how sports franchises are marketed, how sports facilities are used and marketed, the role that advertisers play in all sports areas, and we will also study the effects of local sports programs.

Students who enroll in the course will also have opportunity to join and participate in DECA activities.

ENTERTAINMENT MANAGEMENT (0792 2 term skinny or 0790 1 term)

Course Type:	Elective
Credit/Duration:	0.5 credit / 2 term skinny 0.5 credit / 1 term
Grade Level:	9, 10, 11, 12
Prerequisite:	None

Entertainment is in the top ten of the highest grossing segments of the economy and generates revenue from many sources, goods and services. Movie and TV studios are constantly striving to anticipate customers needs and wants. Entertainment marketing relies on meeting customers demand for diversion and excitement at a price the customer is willing to pay. Entertainment is a main export of the U.S. This course is designed for students who have an interest in learning how “marketing” plays a role in the entertainment fields. Study will focus on how personalities earn their income, how entertainment facilities are used and marketed, and the role that advertisers play in the entertainment areas. Students who enroll in the course will also have opportunity to join and participate in DECA activities.

CAREER EXPLORATION

Graduation Requirements - all credit count towards the 12.5 general elective credits

Electives: Office Services, Library Services, Student Tutoring

OFFICE SERVICES (0900)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Permission from the School to Work Coordinator; Part of the process includes an application (available in the Student Services Office) and a brief interview

Office Service is designed to give students work experience in office procedures, assisting staff and students, and using office equipment. Students will develop specific work skills necessary to the effective functioning of an office. Emphasis will be on developing productive work habits and attitudes. Students with reliable transportation may apply or be assigned to work in the Middle School or Elementary School Office.

STUDENT TUTORING (0905)

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
Grade Level: 10, 11, 12
Prerequisite: Permission from the School to Work Coordinator; Part of the process includes an application (available in the Student Services Office) and a brief interview

Student tutoring is a work experience designed to help the middle school and elementary students who are having difficulty with completing assignments. Student tutors will meet with younger students on a daily basis, work with teachers and counselor, assist with homework, and are role models. Students pursuing the education field are encouraged to participate. Students must have a good attendance record and reliable transportation.

SCHOOL SUPERVISED WORK EXPERIENCE PROGRAM (Work for Credit) (0961)

Course Type: Elective
Credit/Duration: 2.0 credit maximum / based on hours worked
Grade Level: 11, 12
Prerequisite: Permission from the School to Work Coordinator; Part of the process includes an application (available in the Student Services Office) and a brief interview

School supervised work experience is designed to help students learn about the world of work and develop work skills that are needed by all young people as they move on into adulthood. Whether it is general skills, such as reading, writing, computation, or specific skills like accounting, food preparation or mechanics. School supervised work experience will allow students to apply the skills that they have learned in a classroom to a job setting.

During the program, the students will have the opportunity to work at a job either during the school day or after school and earn high school elective credit. To be eligible to participate in the school supervised work experience project the school, the employer, parents and the student must enter into an agreement that will specify the rules and learning goals to be achieved.

LIBRARY SERVICES *(0903 2 term skinny or 0902 1 term)*

Course Type: Elective
Credit/Duration: 0.5 credit / 1 term
0.5 credit / 2 term skinny
Grade Level: 11, 12
Prerequisite: Permission from the; Part of the process includes an application (available in the Student Services Office) and a brief interview with the School to Work Coordinator

Library services student workers assist the library media specialist in the efficient operation of the library media center to benefit the students and staff of the school.

Students must be responsible, dependable, and demonstrate appropriate behavior when working in the media center; possess willingness to learn new skills; and be in good academic standing.

Responsibilities: Understands and adheres to patron confidentiality rights, assists in the operation of the circulation desk, assists students and staff in locating materials, assist in processing of media center materials, empties book drop and checks in materials that are returned, assists in shelving library materials, assists teachers in delivery, return, and set-up of AV equipment, including mobile computer labs, helps keep library shelves neat and in order, turn on/off media center computers, assists in creating bulletin boards, posters, displays and other public relations activities, performs other related duties as assigned by the library media specialist