



# Wonewoc-Center High School Course Guide 2022-2023

**Wonewoc-Center High School**

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# What you should know when planning your schedule/education...

## Scheduling Information

It is important when making course selections that you select courses carefully. It is essential that parents and students put considerable thought into the selection of courses. We will establish the school schedule based on the course requests made during registration; we determine the number of teachers and sections of courses needed based on those requests. All course offerings are subject to student and teacher availability. Some classes offered may be cancelled because of low enrollment. Course changes later in the scheduling cycle are difficult to make and sometimes impossible. As you plan your course sequence, please consider courses that will challenge you as well as enhance your opportunities beyond high school.

## Graduation and Postsecondary Course Requirements

As you plan for next year's classes, it is an appropriate time to review your four-year plan course plan, as well as your academic and career plan. Make sure you select classes that fit your current, postsecondary and career goals. Please talk with your parents about your plan and meet with your counselor regularly to discuss your options. Please remember to update your plan within your Xello account.

## Wonewoc Graduation Requirements

English	4 credits
Math	3 credits
Science	3 credits
Social Studies	3 credits
Physical Education	1.5 credits
Health	0.5 credit
Career/College Readiness	0.5 credit
Financial Literacy	0.5 credit
Senior Portfolio	1 credit
Electives	9 credits
Total Credits	26 credits
Community Service	30 hours

## Wonewoc Specific Course Graduation Requirements by Subject

- English (*Listed Course or Equivalent*)
  - English 9
  - English 10
  - English 11
  - English 12 or AP Literature
- Math (*Listed Course or Equivalent*)
  - Algebra 1

- Geometry
- Algebra 2
- Science
  - Biology
  - Earth Science – Class of 2025 & beyond
- Social Studies
  - Civics & Government – Class of 2024 & beyond
    - U.S. History – previous classes
  - Dollars & Sense

## College Prep (Admissions) Requirements

English	4 credits
Math	3-4 credits
Science	3-4 credits
Social Studies	3-4 credits
World Language	2+ credits*
Electives	Varies by College

*\*Although it is not a Wonewoc-Center graduation requirement, students considering attending a 2- or 4-year college are strongly encouraged to take at least 2 years of the same language. Some colleges in Wisconsin have a foreign language requirement for graduation. Language credits earned in high school often can satisfy college requirements. Please note that **UW-Madison requires 2 years, and prefer 3-4 years of the same language for admission.***

## Career Clusters & Pathways

Career Clusters provide the essential knowledge and skills for the 16 Career Clusters and their Career Pathways. They also function as a useful guide in developing programs of study bridging secondary and postsecondary curriculum, and for creating individual student plans of study for a complete range of career options. As a result, students discover their interests and passions, and are empowered to choose the educational pathway that can lead to success in high school, college and career. You can research Career Clusters and Pathways, as well as their related careers, within Xello. Please see the Academic & Career Planning (ACP) Guide for more information.

## Earning College Credits at Wonewoc

Wonewoc offers a variety of opportunities of that may result in college credit and/or advanced placement at many universities, colleges, and technical colleges. For more information, please see "College Credit Opportunities" section.

## Sample 4-year plan

This is a sample 4-year plan and can be used for planning purposes. This is **not** an actual schedule. Student's coursework may vary based on course individual plans and needs. Student's will receive their schedule at a later date.

<b>Grade 9/Freshmen</b>	
<i>Semester 1</i>	<i>Semester 2</i>
English 9	English 9
Algebra 1	Algebra 1
Biology	Biology
Civics	Civics
Physical Education	Elective
Elective	Elective
Elective	Elective

<b>Grade 11/Juniors</b>	
<i>Semester 1</i>	<i>Semester 2</i>
English 11	English 11
Algebra 2	Algebra 2
Career & College Readiness	Personal Finance
Science Elective	Science Elective
Physical Education	Elective
Elective	Elective
Elective	Elective

<b>Grade 10/Sophomores</b>	
<i>Semester 1</i>	<i>Semester 2</i>
English 10	English 10
Geometry	Geometry
Dollars & Sense	Dollars & Sense
Earth Science	Earth Science
Physical Education	Elective
Elective	Elective
Elective	Elective

<b>Grade 12/Seniors</b>	
<i>Semester 1</i>	<i>Semester 2</i>
English 12 or AP English	English 12 or AP English
Social Studies Elective	Social Studies Elective
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective
Elective	Elective

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# Agriculture, Food, & Natural Resources

<b>Course Key</b>	<b>Course Titles</b>	<b>Grade Level</b>				<b>Credit</b>
<i>Not offered in 22-23</i>	<i>Crops and Soils</i>	9	10	11	12	0.50
<i>Not offered in 22-23</i>	<i>Introduction to Agriculture</i>	9	10	11	12	0.50
AGLIVE	Livestock Production	9	10	11	12	0.50
AGSMAN	Small Animal Care	9	10	11	12	0.50
AGBUSI	Agri-Business	10	11	12		0.50
AGANMS	Animal Production/Science (Science Equivalent)	10	11	12		0.50
<i>Not offered in 22-23</i>	<i>General Horticulture (Science Equivalent)</i>	10	11	12		0.50
AGLAND	Golf Course and Landscape Management	10	11	12		0.50
AGBIOT	Agricultural Biotechnology (Science Equivalent)		11	12		0.50

## Crops and Soils

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Not offered in 2022-23

**Description:** In this course we will study soil structure and analysis, fertilization, land management and conservation. We will also study grain and forage crops with a focus on the changes affecting what we plant in the ground, and what we eat! This course will provide fundamental knowledge of soils and growth media. Course topics also include: soil formation & development, soil components, evaluating soil profiles, classifying soils, erosion management practices, fertilization, and knowing what to do after obtaining soil test information. The use of the County Soil Survey and land evaluation information will be used.

## Introduction to Agriculture

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Not offered in 2022-23

**Description:** The Introduction to Agriculture course provides students with the opportunity to explore various aspects of the agricultural industry such as plant science, animal science, agriscience (research), and agribusiness. Students will also be introduced to FFA and leadership skills.

## Livestock Production

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** Students will acquire knowledge and skills related to livestock and the livestock

production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. We will cover the selection, judging, fee, management, and marketing of large agriculture animals as well as technology advancements in the animal industry. To prepare for careers in the field of animal science, students must attain knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

## Small Animal Care

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** This course discusses small animals as pets and research animals. Learn how to keep your pets happy, healthy, and safe. You will learn how to perform lifesaving procedures such as CPR and artificial respiration, make diagnoses, and analyze diets and nutrition. You will learn how to bandage an abrasion and address any major medical emergency. You will understand what it takes to effectively care for dogs and cats in any situation. This is an ideal class for anyone who loves caring

for animals or who wants to pursue a career in a medical field. We will focus on proper care, grooming, nutrition, health, and management of small animals. Students will be exposed to the numerous venues of the small animal industry, and will be working hands-on with some common companion animals.

### **Agri-Business**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** Learn the facets of the business world as they relate to agriculture. This class will study the social, economic, and scientific concepts related to adding value to a product for sale. We will focus on enhancing your general accounting skills, and accompanying those skills with managing a business. Students will also gain some interactive experience with taxes and property appraisals. You will also plan and fundraise for an end of semester trip.

### **Animal Production/Science (Science Equivalent Credit – Lab Science)**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** Animal Science is your chance to make decisions like a doctor, nurse, or veterinarian while you're still in high school. Students in this course begin with identifying medical terminology, roots and prefixes that cross over from medical to veterinary fields. We spend some time on the exploration of health and diseases, analyzing pathogens and learning how to reduce the prevalence of disease through the administration of vaccines, antibiotics, and other health measures. Students then explore the anatomy and physiology of mammal, including digestive systems and nutrition. Students will learn about connecting the components of the diet of an animal to its health and wellbeing. This is an ideal class for anyone who wants a career in a medical, science, or agricultural field. Students will gain hands-on

experience and knowledge from professionals working in the production of agricultural animals

### **General Horticulture (Science Equivalent Credit)**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will NOT be offered in 2022-23 and will be offered in 2023-24

**Description:** This course is designed to offer an introduction to the plant science world. Students will apply knowledge of plant classification, anatomy and physiology to the production and management of plants. The primary focus is on plants used for beauty. This includes flower and plant arrangements, bouquet designs, corsages, boutonnières, and landscape designs. Students will be involved in creating and studying ideal environments for young seedlings to grow, and designing a profitable way to grow, harvest, and sell plants in the community

### **Golf Course and Landscape Management**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** This course will allow each student to gain practical experiences in design and maintenance of various landscape situations with a focus on golf course design. Areas of study will include; landscape drawing and design, safety, equipment operation, career exploration, turf and lawn care, irrigation and drainage, identification of landscape and turf plants, pests and diseases, job estimating and bidding, environmental planning, golf course administration and interpersonal skills. You'll be given lots of freedom to design projects in teams on and off the school grounds. Well-designed landscapes raise property values, improve the beauty of the home, and protect the environment. Well designed and well managed golf course designs are lucrative, attractive and provide expansive recreation.

**Agricultural Biotechnology (Science Equivalent  
Credit – Lab Science)**

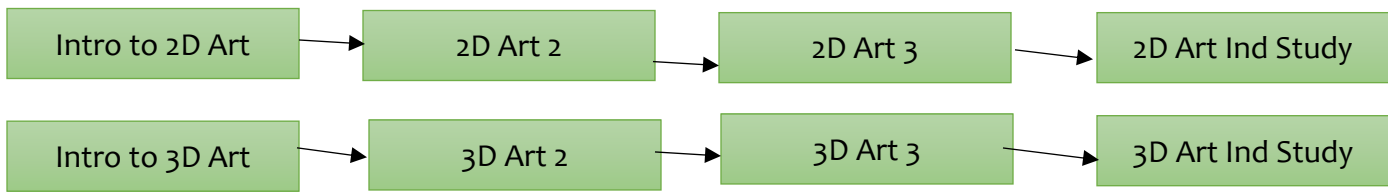
**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23  
and will NOT be offered in 2023-24

**Description:** Biotechnology has undoubtedly made an impact on many aspects of our everyday lives, and is a much older process than you might think. This class will introduce you to some of the scientific knowledge behind; the vitamin supplements you take, the fuel you put in your car, the food you eat, the medicines that help you heal, environmental cleanup and even the potential of a clone. We will also discuss the ethical issues related to biotechnology and its emerging benefits or problems for mankind and the environment. Students explore genetic engineering, exploring how microbes can be engineered to make sustainable fuels as well as antibiotics, cheese, yogurt, root beer, and other products.

# Art



<b>Course Key</b>	<b>Course Titles</b>	<b>Grade Level</b>	<b>Credit</b>
AR2DA1	Intro to 2D Art	9 10 11 12	0.50
AR2DA2	2D Art 2	9 10 11 12	0.50
AR2DA3	2D Art 3	10 11 12	0.50
AR2DA4	2D Art Independent Study	11 12	0.50
AR3DA1	Intro to 3D Art	9 10 11 12	0.50
AR3DA2	3D Art 2	9 10 11 12	0.50
AR3DA3	3D Art 3	10 11 12	0.50
AR3DA4	3D Art Independent Study	11 12	0.50

## Intro to 2D Art

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This is a semester long course designed to introduce to you different types of two-dimensional art. This class includes basic instruction in drawing and painting. We will experiment with different 2D art mediums, including pencil and colored pencil, pastels, charcoal, paint, ink, paper, and other miscellaneous materials. We will introduce and review the elements and principles of art, study color theory, look at the art of other cultures and be exposed to some art history, which is important in understanding art and the meaning behind it. Intro to 2D Art is a good course for you if you are an aspiring artist or if you “think” you have no creative ability at all! All you need is an open mind and the desire to develop your creative potential! *This class will be limited to 15 students.*

## 2D Art 2

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisite:** Intro to 2D Art

**Description:** This is a one-semester intermediate level studio course that expands upon skills learned in the introductory 2D art course, including printmaking, collage, and the Elements and

Principles of art. Specialized drawing, painting, & printmaking techniques in dry and wet media will be introduced as well as contemporary, experimental, and abstract approaches and issues. We will work from direct observation throughout the course. Students will also have the opportunity to design and direct an independent final project with subject matter of their choosing. *This class will be limited to 10 students.*

## 2D Art 3

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisites:** Intro to 2D Art & 2D Art 2

**Description:** The 2D Art 3 curriculum emphasizes the continued development of artistic abilities. Students will move from intermediate to advanced levels of study in all areas, including knowledge of art history, proficiency in technical skill, creative problem solving abilities, and development of personal style. Students are required to follow a contract with developing their own portfolios. *This class will be limited to 10 students.*

## 2D Art Independent Study

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisites:** Intro to 2D Art, 2D Art 2, 2D Art 3, & Instructor’s Consent.



**Description:** This is a one semester course designed for art students that have completed Intro to 2D Art through 2D Art 3 and are still looking to pursue more art. Students will develop a contract with the teacher regarding the work required for the course. The class may be repeated for credit. The 2D I.S. curriculum builds upon previous art learning and provides students with advanced, in-depth and varied studio experiences. Expectations include enhanced creativity and originality, refined craftsmanship and skill, self-directed study, and independent research. Special attention will be given to portfolio development and college preparation.

### **Intro to 3D Art**

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** The Intro to 3D Art curriculum will introduce students to studio experiences, art history & cultural connections, art vocabulary, aesthetics and the process of art criticism. It is a foundations course and is mandatory to advance to other 3D art courses. This course is designed to provide students with the opportunity to explore methods of artistic expression through studies in pottery and three-dimensional art making. Study will include a concentration in pottery work with experiences with hand-built ceramic work, and glazing. The other half of the semester is devoted to the creation of sculptures while exploring a variety of media including clay, plaster/paper mache, and foam carving. Within each unit of study, various artists and artistic styles will be covered as well as different sculptural techniques and surface renderings. Throughout the semester a variety of basic tools, materials, and techniques will be introduced to students. Art knowledge of the above will enable students to clarify ideas and articulate Sculptural forms. At the completion of each assignment, work will be evaluated by way of a group critique. In preparation for these critiques, a constant dialogue will be maintained between instructor and students, with an emphasis on terminology used to describe the elements of three dimensional forms and their effects on each other. This course enables the student to meet all the

State Academic Standards for Visual Arts. *This class will be limited to 15 students.*

### **3D Art 2**

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisite:** Intro to 3D Art

**Description:** The 3D Art 2 curriculum will strengthen basic art skills by providing additional studio experiences, in-depth cultural information, and increased vocabulary. 3D 2 students will be expected to exhibit greater proficiency in all skills and technical ability. This class will provide students with the opportunity to creatively express their thoughts and ideas in a three-dimensional form. Students will explore the processes of reductive carving, and assemblage while utilizing a variety of materials including clay, plaster, wire, and found objects. Emphasis will be placed on handling the materials, craftsmanship, and creative solutions to assigned projects. This course enables the student to meet all the State Academic Standards for Visual Arts. *This class will be limited to 10 students.*

### **3D Art 3**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisites:** Intro to 3D Art & 3D Art 2

**Description:** The 3D Art 3 curriculum emphasizes the continued development of artistic abilities. Students will move from intermediate to advanced levels of study in all areas, including knowledge of art history, proficiency in technical skill, creative problem solving abilities, and development of personal style. Students are required to follow a contract with developing their own portfolios. The course will also emphasize professional practices in order to prepare students for a personal studio practice after graduation or for the pursuit of professional opportunities for artists. *This class will be limited to 10 students.*

### **3D Art Independent Study**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisites:** Intro to 3D Art, 3D Art 2, 3D Art 3, & Instructor's Consent.

**Description:** The 3D I.S. curriculum builds upon previous art learning and provides students with advanced, in-depth and varied studio experiences. Expectations include enhanced creativity and originality, refined craftsmanship and skill, self-directed study, and independent research. Special attention will be given to portfolio development and college preparation. The class may be repeated for credit.

# Business Management & Administration

## Course Key

BUEXPL  
BUSPEE  
BUCOS1/BUCOS2  
BUMARK  
BUPFIN

Course Titles	Grade Level	Credit
Intro to Business	9 10 11 12	0.50
Business Speech	9 10 11 12	0.50
Computer Science	10 11 12	1.0
Marketing	10 11 12	0.50
Financial Literacy ( <i>required</i> )	11	0.50

## Intro to Business

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This class will be a broad overview of the different functions of business. This will include marketing, management, finance, and economics. Students will learn about the world of business through group work and project based learning. Students will also get the opportunity to make their very own business plan.

## Business Speech

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** Public speaking is an extremely valuable skill you can use in numerous careers. It has been shown that America's #1 fear is public speaking. It is time to conquer your fears! This interactive class will go over the basics of business and public speaking. We will go over traditional speeches, business presentations, debates, impromptu speaking and more. This class will give students the opportunity to get out of their comfort zone and perform multiple speeches in front of class.

## Computer Science

**Grades:** 10, 11, 12

**Credits:** 1.0 credit/Full Year

**Description:** In this course, we learn the foundational concepts of computer science and challenge students to explore how computing and technology can impact the world.

## Marketing

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** Explore the functions involved in marketing a product or service which are selling, advertising, distributing, pricing, product/service planning and financing. Over half of jobs involve marketing in some way. Specific units will include an Introduction to Marketing, New Product Development, Sales, Distribution, Pricing and Promotion. Students will employ important marketing concepts such as choosing a location, market research, purchasing and much more. As critical business operation decisions are made, students will receive immediate feedback letting them know how their business is performing and their profit and loss.

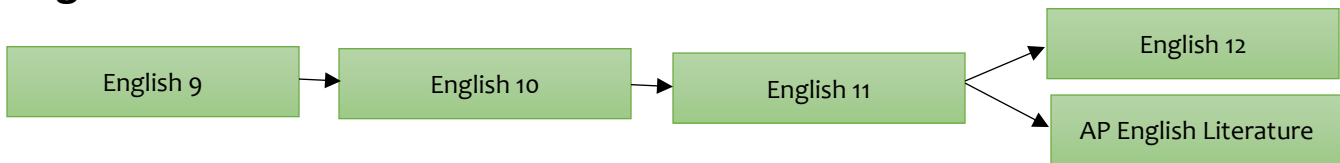
## Financial Literacy

**Grades:** 11

**Credits:** 0.5 credit/1 semester

**Description:** Learn and discuss the financial topics relevant to a student's future and finances. The units covered will be budgets, bank accounts, credit, loans, investments, filing taxes, purchasing a vehicle, insurance, housing rentals and purchases, consumer protection, identity theft. Throughout the class, students will engage in hands-on activities that provide real-world experiences to help prepare them for the financial decisions and activities they will encounter. ***This is a Wonewoc-Center Graduation Requirement.***

# English



## Course Key

ENG091/ENG092  
 ENG101/ENG102  
 ENG111/ENG112  
 ENGE11/ENGE12  
 ENG121/ENG122  
 ENAPE1/ENAPE2  
 ENGE21/ENGE22

Course Titles	Grade Level	Credit
English 9 <i>(required)</i>	9	1.00
English 10 <i>(required)</i>	10	1.00
English 11: American Literature <i>(required)</i>	11	1.00
Alternative Education English 11	11	1.00
English 12: British/European Literature <i>(required)</i>	12	1.00
AP English Literature & Composition <i>(see Prerequisite – may be taken in place of English 12)</i>	12	1.00
Alternative Education English 12	12	1.00

## English/Language Arts 9

**Grades:** 9

**Credits:** 1 credit/Full year

**Description:** *Literature, Composition, and Grammar* is a course designed to improve students' writing skills and reading comprehension. Literature units will include short stories, novels, poetry, drama, essays, and biographies. Grammar units covered will include punctuation, capitalization, subject-verb agreement, verb tenses, and parallel structure. Composition will emphasize correct sentence structure and paragraphing, working from short assignments up through longer themes. ***This is a Wonewoc-Center Graduation Requirement.***

## English/Language Arts 10

**Grades:** 10

**Credits:** 1 credit/Full year

**Description:** *Comprehensive English* is a comprehensive language arts course. It covers all aspects of the LA curriculum including grammar, composition, reading, literature appreciation, speaking, and listening. The first semester focuses on writing in different rhetorical modes, while second semester covers the symbols and themes of literature. ***This is a Wonewoc-Center Graduation Requirement.***

## English 11: American Literature

**Grades:** 11

**Credits:** 1 credit/Full year

**Description:** This course is a survey of American literature that traces the birth and growing pains of a nation through world wars, social unrest, the promise of the future, and change. Major authors, works and significant literary movements will be studied. Vocabulary enrichment is emphasized. ***This is a Wonewoc-Center Graduation Requirement.***

## Alternative Education English 11

**Grades:** 11

**Credits:** 1 credit/Full year

**Description:** Writing and literature for juniors based on the student needs. Students will be placed in this English class based on teacher recommendation.

## English 12: British/European Literature

**Grades:** 12

**Credits:** 1 credit/Full year

**Description:** This course is a survey of British/European literature that will include works from many nations and mythology. Major authors, works and significant literary movements will be studied. Vocabulary enrichment is emphasized. ***This is a Wonewoc-Center Graduation Requirement.***

### **AP English Literature and Composition**

**Grades:** 12

**Credits:** 1 credit/Full year

**Prerequisite:** Students MUST have a 3.0 GPA (B average) in English courses AND Instructor Consent.

**Description:** Advanced Placement English is a course designed for seniors to earn college credit, advanced placement in college, or both. This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. The course stresses college-level language, composition, and the analysis of literature. ***This course may be taken in place of English 12: British/European Literature.***

### **Alternative Education English 12**

**Grades:** 12

**Credits:** 1 credit/Full year

**Description:** Writing and literature for seniors based on the student needs. Students will be placed in this English class based on teacher recommendation.

# Health Care

## Course Key

HEXSPP  
HEACAR  
HEMED1  
HECNA

Course Titles	Grade Level	Credit
Exercise and Sport Physiology	10 11 12	0.50
Health Careers	10 11 12	0.50
Medical Terminology	11 12	0.75
Nursing Assistant	11 12	0.75

### Exercise and Sport Physiology

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This is a class that will serve as a guide to implement a comprehensive lifetime fitness program. You will be working through 35 lab opportunities. The emphasis will be on teaching students to take control of your fitness and lifestyle habits. This class will be part of the Health Care Academy and look at the careers related to the sport and rehab side of health care. ***This course will be offered online only.***

### Health Careers

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This course is a great exploration for any student interested in a health career. It covers the skills needed for health-related careers in general, such as teamwork and communications, and for specific jobs within career clusters, such as medical assistant and pharmacy technician. The text presents materials related to five career pathways and career specialties: therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development; primarily focusing on the first four clusters. This text helps students build a solid foundation for success, no matter which health care career they choose. ***This course will be offered online only.***

### Medical Terminology

**Grades:** 11, 12

**Credits:** 0.75 credit/1 semester

**Special Note:** This course is a college course taught through Western Technical College. Please see "College Credit Opportunities" for more details.

**Description:** Focuses on the component parts of medical terms: prefixes, suffixes and root words. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

### SCN: Nursing Assistant (NA)

**Grades:** 11, 12

**Credits:** 0.75 credit/1 semester

**Special Note:** This course is a college course taught through Madison College. Please see "College Credit Opportunities" for more details.

**Description:** The Nursing Assistant Course prepares students for employment as nursing assistants. Students learn communication skills, basic nursing and personal care skills, client rights, and care of clients with dementias. A supervised clinical experience with direct client care is a major component of the course. This program is recognized by the Department of Health Services as a nurse aide training program. Upon successful completion of the program, students are eligible for certification testing (written & skills) for the Wisconsin Nurse Aide Registry. Certification is required for employment in nursing homes, hospitals, home health agencies, hospices and home for the developmentally disabled. It is a 0.75 credit high school/3.0 credit college, 120 hour program. 100 percent attendance is mandatory for all portions of this course.

The course and book costs will be covered by the school district if your Start College Now application is approved. Costs for travel, testing, background check, and scrubs will be covered by the student.

# Life Skills

<b>Course Key</b>	<b>Course Titles</b>	<b>Grade Level</b>				<b>Credit</b>		
LSDREA	Drivers Ed	9	10	11	12	0.50		
<i>Not offered in 22-23</i>	<i>Family Living Skills</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>0.50</i>		
LSFDS1	Foods 1	9	10	11	12	0.50		
<i>Not offered in 22-23</i>	<i>Foods 2</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>0.50</i>		
LSINTF	International Foods	9	10	11	12	0.50		
LSCCRE	Career & College Readiness	11				0.50		
LSILIV	Independent Living	11				12	0.50	
<i>Not offered in 22-23</i>	<i>Leadership Development</i>	<i>11</i>				<i>12</i>	<i>0.05</i>	
TEACH1/TEACH2	Teaching Assistant	10				11	12	0.50

## Drivers Ed

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** The program is designed to develop positive attitudes and skills sufficient to give young adults a good and safe start to driving. Although Behind the Wheel is optional, you must pass both the classroom and driving phase to be eligible for your license. Student must be 14.5 years of age to enroll and 15 years old in order to apply for permit. Class will be offered in Spring semester.

## Family Living Skills

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Not offered in 2022-23

**Description:** In this course, students examine the family unit and characteristics of healthy and unhealthy relationships at different phases of life-- including information on self-discovery, family, friendships, dating and abstinence, marriage, pregnancy, and parenthood. Students learn about the life cycle and the different stages of development from infancy to adulthood. They also focus on a variety of skills to improve relationships and family living, including coping skills, communication skills, refusal skills, babysitting, parenting, and healthy living and disease prevention habits.

## Foods 1

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** Students with no previous experience in food preparation will be comfortable in this course which explores the basics of food preparation: measuring, safety and sanitation, and reading recipes. Students will have the opportunity to prepare a variety of quick and easy food selections. *This class will be limited to 12 students.*

## Foods 2

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Not offered in 2022-23

**Description:** This course is an extension of Foods 1, with different units designed for the student who can measure accurately and is familiar with reading recipes and food preparation. The creative cook will enjoy this class as we work with advanced recipes and techniques. *This class will be limited to 12 students.*

## International Foods

**Grade:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** This course will help students develop a better understanding of the world around them. Students will investigate various cultural groups

with an emphasis on the foods they eat. Students will study patterns of family meals, current customs and food habits, and cooking techniques unique to those countries. Students will prepare and sample foods from North America, Latin America, Europe, Asia and the Mediterranean among others. This class will be limited to 12 students.

### **Career & College Readiness**

**Grades:** 11

**Credits:** 0.5 credit/1 semester

**Description:** Students will learn life skills that can be utilized in college, an apprenticeship, military or a career – whether right out of high school or after furthering your education. This class will also help students understand how to plan, manage, and increase their money potential. Self-discovery, career discovery, educational options, earning potential, wise budgeting and spending, and life’s financial decisions are the focus of this class. ***This is a Wonewoc-Center Graduation Requirement.***

### **Independent Living**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This course will help students develop some of the necessary skills for surviving on their own after high school. Topics to be covered include: meal planning, budgeting and shopping, and food preparation; nutrition, health and wellness; clothing – laundry and mending skills, how to dress appropriately for the situation; responsible decision making; manners and etiquette. Food labs will include quick and easy meals, soups and desserts.

### **Leadership Development**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** Students will develop and implement leadership skills and learn how to get involved in co-curricular and community activities to enhance the school experience. Leadership projects will be independently designed and put into action. This course is a requirement for students who wish receive the state Youth Leadership Certificate. FFA officers and members with active SAE’s are encouraged to enroll.

### **Teaching Assistant**

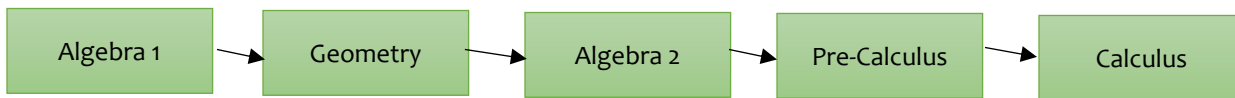
**Grades:** 10, 11, 12

**Credits:** 0.5/1 semester

**Description:** Teaching Assistants (TA) help teachers, tutor, or assist in various school activities during the school day. Students will be assigned to a teacher at the beginning of each semester based on teacher needs.



# Mathematics



## Course Key

MAAL11/MAAL12  
 MAGEO1/MAGEO2  
 MAAL21/MAAL22  
 MAPCS1/MAPCS2  
 MACAL1/MACAL2

Course Titles	Grade Level	Credit
Algebra 1	9	1.00
Geometry	10	1.00
Algebra 2	11	1.00
Pre-Calculus	11 12	1.00
Calculus	12	1.00

**Notes:** Although only 3 years/credits of math are REQUIRED for graduation from Wonewoc-Center, 4 years of math is STRONGLY recommended for any student going to college. To reach calculus level, students will take Algebra 2 & Pre-Calculus concurrently their Junior year.

## Algebra 1

**Grades:** 9

**Credits:** 1 credit/Full year

**Description:** This course covers the standard topics of Algebra 1. Signed numbers are heavily emphasized, as are integer exponents and scientific notation. Systems of two linear equations are introduced. Graphing calculator techniques are introduced early and applied throughout the book. Concepts in geometry are integrated throughout the course, including the Pythagorean Theorem, angles, and triangles. The quadratic function is studied along with rational and radical expression and equations.

## Geometry

**Grades:** 10

**Credits:** 1 credit/Full year

**Prerequisite:** Successful completion of Algebra 1

**Description:** Students will develop and practice problem-solving skills using inductive and deductive reasoning. Students are guided through all the conceptual and working levels of the process of using geometry. It uses two-dimensional and three-dimensional geometric shapes (points, lines, planes, triangles, polygons, circles, and solids) and examines their properties, measurements, and mutual relationship in space. Geometric proofs are used as a vehicle to systematically develop these problem solving skills by relating geometric shapes.

## Algebra 2

**Grades:** 11

**Credits:** 1 credit/Full year

**Prerequisite:** Successful completion of Algebra 1 & Geometry

**Description:** Students will expand upon concepts and techniques learned in algebra and geometry including solving and graphing solutions to inequalities, equations, and systems of equations. In addition, students will learn about imaginary and complex numbers, conic sections, logarithms, functions, and operations with polynomial expressions.

## Pre-Calculus

**Grades:** 11, 12

**Credits:** 1 credit/Full year

**Prerequisite:** Successful completion of Algebra 2, however can be taken concurrently with Algebra 2

**Description:** Pre-Calculus combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus, and strengthens students' conceptual understanding of problems and mathematical reasoning in solving problems. Facility with these topics is especially important for students intending to study calculus, physics, and other science, and/or engineering in college.

## **Calculus**

**Grades:** 12

**Credits** 1 credit/Full year

**Prerequisite:** C or better in Math courses and  
Instructor Consent

**Description:** Calculus is helpful to students pursuing careers in biological and physical sciences, finances, and economics. It introduces the techniques of differential and integral functions. Topics include: algebraic, trigonometric, and exponential functions and their inverses, composites, graphs, derivatives, and integrals; mean value theorem; maxima and minima; curve plotting; the fundamental theorem of calculus; and geometric and physical applications of functions.

# Performing Arts

## Course Key

PABAN1/PABAN2  
 PACHS1/PACHS2  
 PABAS1/PABAS2  
 PACAS1/PACAS2  
 PATHEA

Course Titles	Grade Level				Credit
Band	9	10	11	12	1.00
Choir	9	10	11	12	1.00
Band (Alternate Days) * must be taken with Chorus (Alternate Days)	9	10	11	12	0.50
Choir (Alternate Days) * must be taken with Band (Alternate Days)	9	10	11	12	0.50
Introduction to Theater	9	10	11	12	0.50

## Band

**Grades:** 9, 10, 11, 12

**Credits:** 1 credit/Full year

**Description:** High School Concert Band is a performing ensemble made up of students in grades 9th through 12th. Students are either continuing their musical study from their elementary to middle school levels. The High School Concert Band is a group that meets three days a week for either 90 minutes each time or 45 minutes throughout the entire school year. Students will prepare for several performances throughout the year including, but not limited to a Holiday and Spring Concert, and WSMA Band Festival. ALL concerts are **MANDATORY** as participation is calculated as part of the final course grade. Additional performance opportunities such as Veteran’s Day Program, Memorial Day Program, and Commencement are also mandatory attendance and calculated into the overall grade of the student. Some optional opportunities such as pep bands, honor bands, jazz bands are provided throughout this course.

Music students learn commitment as part of a team working toward a common goal. It is important that the performing group as a whole be a stable “team” in order to be successful. All students are therefore committing to the program and the performances for the entire year.

## Choir

**Grades:** 9, 10, 11, 12

**Credits:** 1 credit/Full year

**Description:** Various aspects of music are covered to teach students basic concrete musical knowledge and skills, poise and self-assurance. Each student is shown the possibilities of his/her

talents and help is given each to explore his/her creative self-expressions. The choir performs a Holiday Concert, Large Group Festival, Spring Concert, and at Graduation. The choir also performs a Fall Musical Production biannually. Individual achievement can be attained through solo and ensemble festivals, music camps, and various festivals held on college campuses. Participation in concerts outside of regular classroom hours is required as a part of this course.

## Band (Alternate Days)

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/Full year

**Description:** High School Concert Band is a performing ensemble made up of students in grades 9th through 12th. Students are either continuing their musical study from their elementary to middle school levels. The High School Concert Band is a group that meets three days a week for either 90 minutes each time or 45 minutes throughout the entire school year. Students will prepare for several performances throughout the year including, but not limited to a Holiday and Spring Concert, and WSMA Band Festival. ALL concerts are **MANDATORY** as participation is calculated as part of the final course grade. Additional performance opportunities such as Veteran’s Day Program, Memorial Day Program, and Commencement are also mandatory attendance and calculated into the overall grade of the student. Some optional opportunities such as pep bands, honor bands, jazz bands are provided throughout this course.

Music students learn commitment as part of a team working toward a common goal. It is important that the performing group as a whole be

a stable “team” in order to be successful. All students are therefore committing to the program and the performances for the entire year.

### **Choir (Alternate Days)**

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/Full year

**Description:** Various aspects of music are covered to teach students basic concrete musical knowledge and skills, poise and self-assurance. Each student is shown the possibilities of his/her talents and help is given each to explore his/her creative self-expressions. The choir performs a Holiday Concert, Large Group Festival, Spring Concert, and at Graduation. The choir also performs a Fall Musical Production biannually. Individual achievement can be attained through solo and ensemble festivals, music camps, and various festivals held on college campuses. Participation in concerts outside of regular classroom hours is required as a part of this course.

### **Introduction to Theater**

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This semester-long class will introduce students to the various components of a theatrical production: acting, sets, costumes, lights, sound, make-up, etc. Students participating in the Wonevoc-Center spring play are *not* required to take this class. However, ***all students taking this class will be required to contribute on some level to the school's fall play.*** (Acting, lights and curtains, sound, make-up, costumes, advertising, etc...)

# Physical Education

<b>Course Key</b>	<b>Course Titles</b>	<b>Grade Level</b>				<b>Credit</b>
PEGEN	General Physical Education	9	10	11	12	0.50
PEFTMN	Fitness Management		10	11	12	0.50
PEATHL	Athletics			11	12	0.50

## General Physical Education

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** Skills and rules are reviewed from various units such as Archery, Badminton, Fitness Management, Floor Hockey, Pickle ball, Softball, Volleyball. However, majority of time is spent playing games in a tournament setting.

## Fitness Management

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** This course will focus on students achieving and maintaining a high level of physical fitness through daily workouts. Students will focus their daily workouts on areas that they want to work on and then design a workout around those goals. Personal workout programs will be revisited every four and a half weeks to be adjusted accordingly. *This course is limited to 5 students per section due to space requirements.*

## Athletics

**Grades:** 11, 12

**Credits:** 0.5 credit/1 season

**Description:** Juniors and seniors may earn 0.5 credit per year for successfully completing a sports season instead of taking Physical Education.

***Students may not earn credit for Physical Education and Athletics during the same school year.*** Credit may be earned for football, volleyball, basketball, baseball, softball, golf, cheerleading, or track. Students will need to take 7.0 credits in addition to getting credit for athletics.

# Science

## Course Key

SCBIO1/SCBIO2

SCEAS1/SCEAS2

AGBIOT

AGANMS

*Not offered in 22-23*

*Not offered in 22-23*

SCPHY1/SCPHY2

SCAPB1/SCAPB2

SCANA1/SCANA2

Course Titles	Grade Level	Credit
Biology ( <i>required</i> )	9	1.00
Earth Science ( <i>required</i> )	10	1.00
Agricultural Biotechnology (Science Equivalent)	10 11 12	0.50
Animal Production/Science (Science Equivalent)	10 11 12	0.50
<i>Chemistry</i>	<i>10 11 12</i>	<i>1.00</i>
<i>General Horticulture (Science Equivalent)</i>	<i>10 11 12</i>	<i>0.50</i>
Physics	10 11 12	1.00
AP Biology ( <i>see Prerequisite</i> )	11 12	1.00
Anatomy & Physiology	11 12	1.00

## Biology

**Grades:** 9

**Credits:** 1 credit/Full year

**Description:** *Biology* is designed to increase knowledge about yourself and the natural world. Topics include cells, animal systems, plant development, microbiology, genetics, environmental education, and current events in science. Lab exercises, research projects, and class activities are included to increase understanding of the topics. ***This is a Wonevoc-Center Graduation Requirement.***

## Earth Science

**Grades:** 10

**Credits:** 1 credit/Full Year

**Description:** Environmental Science is a collaborative study that investigates how humans interact with the natural world. Students will explore the patterns and processes of Earth and how these are affected by natural and human impacts. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The course

consists of lab activities, data collection and analysis, group and individual projects, topic discussions, lecture discussions, video presentations, student presentations, text reading assignments and field activities. ***This is a Wonevoc-Center Graduation Requirement for class of 2025 & beyond.***

### Agricultural Biotechnology (Science Equivalent Credit – Lab Science)

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Note:** See course in “Agriculture, Food, & Natural Resources” for course description.

### Animal Production/Science (Science Equivalent Credit – Lab Science)

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Note:** See course in “Agriculture, Food, & Natural Resources” for course description.

### Chemistry (Lab Science)

**Grades:** 10, 11, 12

**Credits:** 1 credit/Full year

**Alternate year offering:** Will NOT be offered in 2022-23 and will be offered in 2023-24

**Description:** *Chemistry is the study of physical science which deals with interaction of the structure and properties of matter and energy, the changes they undergo, atomic structure, chemical reactions, and bonding. Basic concepts of science*

*will be reinforced as the student learns new concepts in chemistry through numerous classroom and laboratory activities. Skills in handling lab equipment and solving problems are emphasized. Basic math skills are required.*

**General Horticulture (Science Equivalent Credit)**

**Alternate year offering:** Will NOT be offered in 2022-23 and will be offered in 2023-24

**Note:** See course in "Agriculture, Food, & Natural Resources" for course description.

**Physics**

**Grades:** 10, 11, 12

**Credits:** 1 credit/Full year

**Prerequisite:** Biology AND Algebra 1; Geometry recommended

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** Physics is an introduction into the laws that govern what happens around us. The main areas of emphasis are kinematics; how things move, dynamics; why things move, waves and sound, and the relationship between electricity and magnetism. This is a class where you learn by doing experiments and solving mathematical problems (major portion of this course). This is a good class for ANYBODY who plans on going to a four-year college, not just students who are going into a science field.

**AP Biology (Lab Science)**

**Grades:** 11, 12

**Credits:** 1 credit/Full year

**Prerequisite:** Biology & Instructor Consent

**Description:** *Advanced Placement Biology* is geared for science-oriented college bound students. Topics include molecules, cells, genetics, evolution, organisms, anatomy, and populations. Lab work and research projects will challenge students to draw conclusions, to think analytically and develop hypothesis.

**Anatomy & Physiology**

**Grades:** 11, 12

**Credits:** 1.0 credit/Full Year

**Description:** Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body, including cells, tissues, organs, and organ systems. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, and clinical and comparative studies. Laboratory work will provide a hands-on learning experience for exploration of human system components and basic physiology. Systems to be studied include integumentary, skeletal, muscular, nervous, special senses, respiratory, cardiovascular, and digestive/excretory. The material learned in this course can be applied to medical field careers, health and fitness careers, biological research careers, and a better overall understanding of one's body and health.

# Social Studies

## Course Key

SSCIV1/SSCIV2

SSECO1/SSECO2

SSAPH1/SSAPH2

*Not offered in 22-23*

SSPSYC

SSSOI

Not offered 2021-22

*Not offered in 22-23*

SCNRS1/SCNRS2

Course Titles	Grade Level	Credit
Civics & Government	9	1.00
Dollars & Sense	10	1.00
AP US History ( <i>see Prerequisite</i> )	11 12	1.00
<i>History of American Government</i>	11 12	0.50
Introduction to Psychology	11 12	0.50
Introduction to Sociology	11 12	0.50
Twentieth Century US History	11 12	0.50
<i>World Cultures</i>	11 12	0.50
Natural Resources	11 12	1.00

## Civics & Government

**Grades:** 9

**Credits:** 1 credit/Full year

**Description:** Civics, the thing that keeps our country stable. Students will learn about the foundations of citizenship, creating lasting government, the federal branches of government, state and local government, foundations of economics, government and the economy, the American legal system, people make a difference, and the United States and the world, like foreign policy. Students will develop an understanding for government and economics. ***This is a Wonewoc-Center Graduation Requirement for the class of 2024 and beyond.***

## Dollars & Sense

**Grades:** 10

**Credits:** 1 credit/Full year

**Description:** This course is a basic study of political and economic concepts related to the US Economy. Topics include: modern political systems and their related economic systems, types of economic systems, supply and demand, government's role in our economy, the federal budget and spending, money and banking, the Federal Reserve System, personal finance and budgets, investing in the stock market, bonds, and mutual funds. Finally, areas such as inflation, unemployment, taxes, international trade and the global economy in

current events will be examined. ***This is a Wonewoc-Center Graduation Requirement.***

## AP US History

**Grades:** 11, 12

**Credits:** 1 credit/Full year

**Prerequisite:** C or better in Social Studies coursework and Instructor Consent.

**Description:** *Advanced Placement US History* develops a sound knowledge of American History from the pre-colonial period to the present. This course will explore events of US history through the use and analysis of documents, images, cartoons, quantitative data, and other primary sources. Students will develop an understanding of major themes in US history, including American identity, economic and social life, political change and continuity, and the US role in the world. Students will be able to describe the major political, economic, social, and intellectual trends present in US history.

## History of American Government

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** *Will NOT be offered in 2022-23 and will offered in 2023-2024*

**Description:** *This course features valuable information about our US Government and how it functions. It is a thematic approach to American history and political involvement. We will read and*



*discuss material about all types of issues such as Supreme Court decisions, voting rights and responsibilities, governments at all levels, political parties, public opinion, and your personal rights guaranteed to you in the Constitution.*

### **Introduction to Psychology**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** *Introduction to Psychology* is a one semester course that introduces students to the vocabulary and major concepts of general psychology. It includes a survey of the history of psychology, research methods, the life span, the working of the mind and body including altered states, learning and the cognitive processes, personality and individuality, psychological disorders, and social psychology.

### **Introduction to Sociology**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** *Introduction to Sociology* is a one semester course that introduces students to the vocabulary and major concepts of sociology. This course examines human social behavior, social structure, culture, institutions, and social change. Major topics include socializing the individual, adolescence and society, conformity, deviance and social control, and racial and ethnic relations

### **Twentieth Century US History**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23 and will NOT be offered in 2023-24

**Description:** Twentieth Century US History is a one semester course that takes an in-depth look at some of the problems this nation has faced in the past 100 years. Students will analyze the causes of these problems, as well as understand how solutions were selected. Finally, the students will evaluate the success or failure of these solutions. Since changes in technology, society and foreign affairs continue to face our country, an effort to relate the situations of the past to the present will be a high priority.

### **World Cultures**

**Grades:** 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will NOT be offered in 2022-23 and will offered in 2023-2024

**Description:** *The course studies nations and regions of the world. Student will study the impact of languages, values, religions, technology, customs, geography, history, political traditions, and ethnic backgrounds around the world. In this course we will look at seven major regions of the world and learn about their customs and cultures. Map activities will be included in our investigations.*

### **Natural Resources**

**Grades:** 11, 12

**Credits:** 1 credit/Full year

**Special Note:** Course counts as elective credit only

**Description:** *Natural Resources* is an outdoor, field experience course. Students will learn about Wisconsin's natural resources. Students will also work on projects involving construction, maintenance and development of the Outdoor Learning Area. Topics of study include ecology, forestry, outdoor skills, wildlife management and plant identification.

# Technology and Engineering Education

## Course Key

TEMECH

*Not offered 2022-23*

*Not offered 2022-23*

*Not offered 2022-23*

TEWEL1

TEWEL2

TEWVO1/TEWVO2

TEWTE1/TEWTE2

TEAUTO

TECFM1/TECFM2

*Not offered 2022-23*

TETRDE

Course Titles	Grade Level				Credit
Agriculture Mechanics	9	10	11	12	0.50
<i>Small Engines 1</i>	9	10	11	12	0.50
<i>Small Engines 2</i>	9	10	11	12	0.50
<i>Transportation, Distribution, &amp; Logistics</i>	9	10	11	12	0.50
Welding 1	9	10	11	12	0.50
Welding 2	9	10	11	12	0.50
Woodworking for Girls – Sem 1 & 2	9	10	11	12	1.00
Woodworking Technology – Sem 1 & 2	9	10	11	12	1.00
Automotive Technology	10	11	12		0.50
Cabinetry & Furniture Making – Sem 1 & 2	10	11	12		1.00
<i>Home Maintenance &amp; Mechanical Systems</i>	10	11	12		0.50
Tour of the Trades	10	11	12		0.50

## Agriculture Mechanics

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23

**Description:** This class is designed for students to gain some hands-on experience with agriculture equipment as well as exposure to agriculture mechanical careers, metalworking, welding, power mechanics, electricity and electronics, and hydraulics. This class will be limited to 10 students.

## Small Engines 1

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will NOT be offered in 2022-23

**Description:** This course will study the care, maintenance, and repair of small engines through lecture and hands-on experience. Students may bring in their own small engine for repair, but will be responsible for the cost of all repairs. The school will be partnering with MATC John Deere Mechanics Program to get engines from John Deere. This class will be limited to 10 students.

## Small Engines 2

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will NOT be offered in 2022-23

**Prerequisite:** Small Engines 1

**Description:** Students will take what they learned in *Small Engines 1* and apply it in this class. Students will study advanced engine diagnostics as well as rebuilding and assembly of 2- and 4-cycle engines. Students will be required to bring a minimum of 2 projects throughout the course of the semester. Student will be responsible for cost of parts for repairs on their own projects. This class will be limited to 10 students.

## Transportation, Distribution, & Logistics

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will NOT be offered in 2022-23

**Description:** This is an introductory class that will take a look into different forms of transportation throughout the history and how technological advances have changed the way we move around. We will also take a look at the effects those changes in technology have had on our lifestyles, economy, environment, etc. This class will give the student a better understanding of how and why products and people are transported the way they are as well as design considerations for certain modes of transportation. This class will be limited to 12 students.

### **Welding 1**

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** In this course students, will learn the basics of welding and cutting metal. Students will focus on the use of arc and MIG welders, oxy-acetylene torches, use of a plasma cutter, and various welds and cuts. *This class will be limited to 10 students.*

### **Welding 2**

**Grades:** 9, 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Prerequisite:** Welding 1

**Description:** Students will take what was learned in Welding 1 and apply it in this class. Planning design, and completion of a project will be required and students will also learn welding repair. Students will be using the MIG and TIG welders in this class and also welding aluminum will be covered in this class. Students will be required to provide their own metal for projects. *This class will be limited to 10 students.*

### **Woodworking for Girls**

**Grades:** 9, 10, 11, 12

**Credits:** 1 credit/full year

**Description:** This class is offered for girls only to help create an empowering, confidence building atmosphere of learning and community. Students will receive an introduction and overview to general woodworking terms, tools (both hand tools and power tools) and wood working techniques. Each student will complete and take home several woodworking projects.

### **Woodworking Technology**

**Grades:** 9, 10, 11, 12

**Credits:** 1 credit/full year

**Description:** Woodworking is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and terminology. Students will be expected to learn and understand shop safety and the correct use of hand tools, power tools, and woodworking machinery. The projects are designed to give

students as much experience as possible by using many different machines and tools. Upon successful completion of this course, the student will have gained useful woodworking skills that will crossover into many areas in the trades industry. Additionally, the student should have a broader understanding of construction processes as well as more in depth problem solving skills. *This course is a pre-requisite to Cabinet and Furniture. This class will be limited to 10 students.*

### **Automotive Technology**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will be offered in 2022-23

**Description:** Students will learn the basic needs to successfully maintain their vehicles. Students will gain hands-on experience by using school vehicles to perform oil changes, tire rotations, and other basic maintenance. Students will be able to bring personal vehicles in to change oil and tire rotations as long as they provide the filter and oil needed for their vehicle. This class will be limited to 10 students.

### **Cabinet and Furniture Making**

**Grades:** 10, 11, 12

**Credits:** 1 credit/full year

**Prerequisite:** Woodworking Technology

**Description:** This course will provide the opportunity for students to develop knowledge and abilities of design and building furniture. Project plans are the responsibility of students to skillfully manufacture quality furniture. Emphasis is placed on design, identifying different styles of furniture, and understanding the steps needed in furniture construction. Laboratory exercises are required on a daily basis and are very important in grading. *This class will be limited to 10 students.*

**Home Maintenance & Mechanical Systems**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Alternate year offering:** Will not be offered in 2022-23

**Description:** Course will cover all basic home mechanical systems to include Electric, Plumbing, HVAC and Building structure. Will also cover how to do simple repairs to mechanical systems and basic remodeling projects. As well as classroom instruction we will be doing projects in all the areas while learning what tools are needed and how to use them. This class will be limited to 12 students.

**Tour of the Trades**

**Grades:** 10, 11, 12

**Credits:** 0.5 credit/1 semester

**Description:** We will explore the potential careers within the trades. We will be doing projects in the various areas as well as tours and job shadows in our local area. Some of the trades included will be Electrical, HVAC, Plumbing, Welding, Steamfitters and Automotive/Diesel Mechanics. We will also explore lesser known trades that the students have interest in. *This class will be limited to 12 students.*

# Work Based Learning

## Course Key

\*See Mrs. Miller

\*See Mrs. Miller

Course Titles	Grade Level	Credit
Work Based Learning	11 12	varies
Youth Apprenticeship Programs	11 12	varies

## Work Based Learning

**Grades:** 11, 12

**Credits:** Varies

**Description:** The course gives the student the opportunity to explore the world of work and gain job experience. The student must meet these conditions to be enrolled in the course (program):

- (1) Meet with **Mrs. Miller** to obtain the required paperwork and understanding of the program;
- (2) Obtain a job site off of school grounds, **before** the semester starts;
- (3) Sign up is for an entire semester;
- (4) Sign up is limited to two blocks (4 class periods);
- (5) Student is responsible for transportation to/from work site

## Youth Apprenticeship Program

**Grades:** 11, 12

**Credits:** Varies

**Description:** Wisconsin's Youth Apprenticeship program is a part of a statewide School-to-Work initiative. It is designed for high school students who want hands on learning in an occupational area at a worksite along with classroom instruction.

This one or two year elective program combines academic and technical instruction with mentored on-the-job learning.

Youth Apprenticeship (YA) integrates school-based and work-based learning to instruct students in employability and occupational skills defined by Wisconsin industries. Local programs provide training based on statewide youth apprenticeship curriculum guidelines, endorsed by business and industry. Students are instructed by qualified teachers and skilled worksite mentors. **Students**

**are simultaneously enrolled in academic classes to meet high school graduation requirements, in a youth apprenticeship related instruction class, and are employed by a participating employer under the supervision of a skilled mentor.**

*Students could begin:*

- \* As early as JUNE after sophomore year or as late as JUNE after the junior year for a Level Two
- \* As early as JUNE after junior year for a Level One senior year or as late as FALL of the senior year

*Complete:*

- \* By high school graduation

Programs Available:

- \* Agriculture, Food, and Natural Resources
  - Animal Production
  - Crop Production
  - Environmental Systems
- \* Architecture & Construction
- \* Arts, A/V Technology, & Communication
- \* Finance
- \* Health Services
- \* Hospitality, Lodging, and Tourism
- \* Information Technology
- \* Manufacturing
- \* Science, Technology, Engineering, and Math
  - Engineering & Technology
  - Science & Math
- \* Transportation, Distribution, & Logistics
  - Auto Collision
  - Auto Technician
  - Diesel Technician
  - Logistics/Supply Chain Management

# World Languages

## Course Key

SPN1S1/SPN1S2  
SPN2S1/SPN2S2  
SPN3S1/SPN3S2  
SPN4S1/SPN4S2

Course Titles	Grade Level				Credit
Spanish 1	9	10	11	12	1.00
Spanish 2		10	11	12	1.00
Spanish 3			11	12	1.00
Spanish 4				12	1.00

**Note:** Although it is not a Wonevoc-Center graduation requirement, students considering attending a 2- or 4-year college are strongly encouraged to take at least 2 years of the same language. Some colleges in Wisconsin have a foreign language requirement for graduation. Language credits earned in high school often can satisfy college requirements. Please note that **UW-Madison highly prefer 3-4 years and require 2 years** of the same language for **admission**.

## Spanish 1

**Grades:** 9, 10, 11, 12

**Credits:** 1.0 credit/Full year

**Description:** Spanish 1 is an introduction to the Spanish language and Hispanic cultures. The course integrates all the modalities of Spanish; speaking, reading, writing and listening to help the students achieve a basic level of proficiency. It is taught using Comprehensible Input in the form of stories, songs, video clips, articles and legends. Students will acquire the language by listening and reading to support their eventual output of writing and speaking.

Proficiency Goals: Novice Low to Novice High level

## Spanish 2

**Grades:** 10, 11, 12

**Credits:** 1.0 credit/Full year

**Prerequisite:** Successful completion of Spanish 1

**Description:** Spanish 2 builds on the fundamental language elements taught in Spanish 1 and continues to focus on the four language skills, of reading, writing, speaking, and listening in the target language. Students will co-create stories, listen to songs, discuss their lives, read current events, play games, listen to stories and explore Spanish-speaking cultures...all in Spanish.

Proficiency Goals: Novice High to Intermediate Low level

## Spanish 3

**Grades:** 11, 12

**Credits:** 1.0 credit/Full year

**Prerequisite:** Successful completion of Spanish 2

**Description:** Spanish 3 focuses on expanding the knowledge and activities gained in Spanish 2 to provide students with opportunities to express themselves with more freedom and creativity. Emphasis will be placed on active language use through speaking, listening, reading and writing.

Proficiency Goals: Intermediate Low to Intermediate Mid level

## Spanish 4

**Grades:** 12

**Credits:** 1.0 credit/Full year

**Prerequisite:** Successful completion of Spanish 3

**Description:** Spanish 4 focuses on improving students' oral and written communication through the continued study of the language, literature and culture of Spain and Latin America.

Proficiency Goals: Intermediate Low to Intermediate High Level

# College Credit Opportunities

Wonewoc-Center offers three ways that students can earn college credit during their junior and senior year. Those options are Advanced Placement (AP) courses, Early College Credit Program (ECCP), and Start College Now (SCN). Any student interested in these opportunities should work with the school counselor as soon as possible. Many programs need paperwork filled out a semester prior. For example, students wanting to take a class in Spring 2022 submit paperwork during early Fall 2021. Questions about college credit opportunities can be directed to Mrs. Savage.

## Advanced Placement (AP) courses

AP courses provided exposure to college level coursework and often are good indicators of college readiness. Examples are AP English Literature & Composition, AP Biology, and AP US History. These courses are taught by Wonewoc-Center Staff. The classes are year long and prepare students to take the AP exam in May. Students taking AP courses are expected to prepare for and the AP exam. Each AP exams cost around \$95. Families receiving free and reduced lunch price receive a discount. A student's grade is based on class performance. However, the ability for college credits dependent of the AP exam score. AP scores are on a scale from 1-5. Students will receive their score in July. Typically, a score of 3 or above will earn college credit; however, some schools require a score of 4 or 5. AP credits are not guaranteed until a student is admitted to a post-secondary institution. Number of and type of credit earned from AP score are determined by colleges. See the school counselor for more information regarding AP scores and college credit.

## Early College Credit Program (ECCP) & Start College Now (SCN)

ECCP & SCN allows Wisconsin students to take one or more courses for both high school and college credit. ECCP works with the University of Wisconsin System schools and SCN works with Wisconsin Technical Colleges. These courses are taught by college professors and contain college-level work. Wonewoc-Center has no control over assignments, tests, or grading. Each UW credit is worth 0.25 Wonewoc-Center credit and will be determined at the time of enrollment. Wonewoc-Center will not receive progress grades and will only receive a grade once the course is complete. Grade are earned through the college awarding credit and are transferred to Skyward by your school counselor. Students will work closely with Mrs. Savage to select courses, fill out paperwork and applications, and enroll in courses. **Applications for ECCP and SCN are due to Mrs. Savage by March 1 for fall courses and October 1 for spring courses.** School District pays for books and course credits if student passes. Student will need to pay if the student withdraws or fails the course.

Departments of ECCP courses include, but are not limited to:

- Business
- Gender & Women's Studies
- History
- Psychology

SCN courses listed in course guide:

- Medical Terminology
- Certified Nursing Assistant
  - Note: CNA course has a number of prerequisites to complete before the start of the course that include a background test and multiple Tuberculosis (TB) tests.
- Other courses offered at Technical College can be taken

## Virtual Learning

An additional program that Wonewoc-Center used during the 2018-2019 school year was Edmentum

A course catalog for Edmentum may be found at:

<https://www.edmentum.com/course-catalog>.

Courses through Edmentum Courseware are easily accessible to Wonewoc-Center. The EdOptions Academy courses require an additional fee.

### Requirements:

- High School **Junior/Senior** with a 3.0 Cumulative GPA or **Freshman/Sophomore** in good academic standing
- Academic and Career Planning Committee
- Parental Approval/Contract – signature on file with Virtual School Coordinator

Wonewoc-Center will pay for the class, however students that drop or fail an online course will be required to reimburse the school district the full amount. Costs may range from \$100 - \$750 per course.