

# **WESTBY AREA HIGH SCHOOL COURSE DESCRIPTION HANDBOOK**

## **Westby Area School District Mission:**

We are a community dedicated to high levels of academic learning and social-emotional growth for all.



**Westby Area High School  
206 West Ave South  
Westby, Wisconsin 54667  
(608)634-3101**

# WESTBY AREA SCHOOL DISTRICT

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Westby Area School District shall not discriminate on the basis of sex, race, religion, national origin, ancestry, color, creed, political affiliation, citizenship, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability or handicap, or any other reason prohibited by state or federal law.

# WESTBY AREA SCHOOL DISTRICT

Guidance  
Mrs. Tainter

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christy.tainter@westby-norse.org

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The High School Counseling website contains extensive information in regards to college/career planning. To access this site, [click here!](#)

## WESTBY AREA HIGH SCHOOL - GRADUATION REQUIREMENTS

Westby Area High School's graduation requirements are designed to provide students with a rigorous, relative curricula which meet or exceed state of Wisconsin standards while directing these students towards the post secondary options they desire. Upon graduation, students will have had various opportunities to grow academically, personally, and socially in preparation for their post secondary plans.

A minimum of 26 credits is required for graduation from Westby Area High School. Students shall be scheduled for at least 7 credits each year, including at least 7 classes each semester. Course credits needed for graduation are as follows:

Requirements of	Westby Area High School	State of Wisconsin	Technical & 4-Year Colleges
Physical Education	1.5	1.5	-
English	4.0	4.0	4+
Social Studies	3.5	3.0	3+
Mathematics	3.0	3.0	3+
Science	3.0 (Physical Science, Biology, and 1.0 credit in a science or science equivalent course)	3.0	3+
Health	0.5 (Health 9)	0.5 (Health 9)	0+
Personal Finance	0.5 (Junior or Senior Year)		
Electives	10.0	8.5+	0+
<b>Total Credits Required</b>	<b>26.0</b>	<b>21.5+</b>	<b>17*</b>

\*See high school counselor for specific college requirements totaling\*

\*\*Beginning with the class of 2021, Earth and Space Science will be our Freshman Science class\*\*



# WESTBY AREA SCHOOL DISTRICT

## AGRISCIENCE

Mrs. Hoven

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[erica.hoven@westby-norse.org](mailto:erica.hoven@westby-norse.org)

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**ORGANIZATIONS:**  
**FFA**

## AGRIBUSINESS

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2017-2018

This course will cover the aspects of starting your own business, keeping it profitable, making informed decisions, following sound business practices, and many other topics any business person will find necessary. Students may find that they have become entrepreneurs before this semester is over.

## AQUACULTURE ES

*Science Equivalent*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2018-2019

Farming Fish, Growing Grapes, Handling Honey, Making Maple Syrup! The primary focus of this class is fish production in the new aquaculture lab. Aquaculture is the fastest growing sector of the agriculture economy, and it's starting to take hold in Wisconsin, so jump in the boat and let's go. Other areas of agriculture that will be covered in this class include other types of specialty animal and specialty crop production, including alpacas, emus, elk, buffalo, honey bees, grapes, maple syrup, sunflowers, and any other type of agriculture that you'd like to learn more about!

## FISH AND WILDLIFE MANAGEMENT ES

*Science Equivalent*

**Credit:** 0.5

**Grade** 9-12

**Single Period - Not Currently Being Offered**

**Prerequisite:** None

This class will address the basics of Wisconsin's ecosystems. Students will learn about the many game and nongame birds, fish, and mammals that inhabit our state, look at the challenge of determining how to balance our needs and uses for land, and discuss the many policies, programs, laws and regulations that affect how we live and relax in the great Wisconsin outdoors. Students will also have the opportunity to build a fishing pole and/or fishing lures in this class.

## FOOD SCIENCE ES

*Science Equivalent*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2018-2019

In this class, we will learn the various systems of marketing, how to develop new products and establish markets for them, and how to process food to make them consumer-ready. Be prepared for lots of food tasting, testing, and creating new products!

# WESTBY AREA SCHOOL DISTRICT

## AGRISCIENCE

Mrs. Hoven

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erica.hoven@westby-norse.org

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**ORGANIZATIONS:**  
FFA

## LANDSCAPING

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2017-2018

Landscaping combines your creative side with plants and the outdoors. You will learn the principles of drawing and design, types of plants and features that are important to include when decorating the outdoors and how to make landscape designs. When the weather warms up, we will move outdoors and work on an actual landscape.

## LARGE ANIMAL SCIENCE ES

*Science Equivalent*

**Credit:** 0.5

**Grade** 9-12

**Single Period**

**Prerequisite:** None

This course will inform students about the profitable management practices involved in producing animals such as Beef, Dairy, Horses, Swine, Sheep, Goats, and Poultry. Topics of study will include anatomy, breeds, housing, nutrition, and health.

## NATURAL RESOURCES/ENVIRONMENTAL SCIENCE ES

*Science Equivalent*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

BEING REPLACED BY AP ENVIRONMENTAL SCIENCE

Many of the current environmental issues will be topics of discussion and subject to problem solving strategies. Specifically, we will study pollution, land-use planning, conservation issues, and environmental resources management. You will learn what society needs to do to ensure we have something other than polluted water to pass down to future generations. We will enhance our understanding and experience with these topics by taking field trips to local environmental facilities.

## PLANT SCIENCE ES (PLANT SCIENCE & GREENHOUSE MANAGEMENT)

*Science Equivalent, Transcribed Credit*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2018-2019

This course will teach you the basics of plants, how they grow, live, and reproduce, and will give you the proper skills needed to properly grow and care for plants. You will work on techniques like grafting, plant propagation, and raising plants in greenhouses. You will be able to work in the greenhouse, learning practical experience in planting, transplanting, feeding, watering, marketing, and selling greenhouse supplies.



# WESTBY AREA SCHOOL DISTRICT

## AGRISCIENCE

Mrs. Hoven

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erica.hoven@westby-norse.org

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**ORGANIZATIONS:**  
**FFA**

## LIFEKNOWLEDGE® EMPLOYMENT SKILLS (ADVANCED LEADERSHIP)

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2017-2018

This course is designed for the leaders at Westby Area High School. Students will receive more in-depth and specialized training and practical experience in all areas covered in the Leadership class. Students will have the opportunity to look at areas such as writing grants, completing award applications, budgeting, team building, and public speaking. Group problem solving, cooperative learning, and critical thinking skills will all be emphasized in this exciting hands-on class.

## LIFEKNOWLEDGE® GROUP DYNAMICS (LEADERSHIP)

**Credit:** 0.5

**Grade** 9-12

**Single Period**

**Prerequisite:** None

Offered 2017-2018

Students who take this class will learn about the different types of leadership, study the qualities of effective leaders, and work to develop those qualities of leadership. Other topics of this course include group dynamics, speaking and presentation skills, and personal development issues. Students will get an up-close look at the largest youth organization in the United States – FFA, and have an opportunity to become more involved. This class will prepare students for the remainder of their high school careers, as well as a bright future as our nation's next generation of leaders.

## SMALL ANIMAL CARE

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Offered 2017-2018

This class is for students who have an interest in working in the pet care industry or in being responsible pet owners. Students will investigate the breeds, breeding, daily care, grooming, health care and nutrition of pets. Amphibians, cage birds, cats, fish, hamsters, dogs, rabbits and many more will be studied in this class. Students should be prepared to construct a presentation of their own relating to a companion animal or related topic.

## VET SCIENCE AND BIOTECHNOLOGY ES

*Science Equivalent, Transcribed Credit*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** Large Animal Science

Offered 2018-2019

This course will expand on the knowledge gained in Large Animal Science. This course would delve deeper into the area of Vet Science for students interested in careers related to animal health. In addition, a section on Biotechnology will give students the opportunity to learn about and practice techniques used in modern science and vet labs. Units of study will include Animal Health, Behavior, Management, Anatomy, Physiology, Genetics and Reproduction, as well as Plant Tissue Culture and DNA Gel Electrophoresis.



# WESTBY AREA SCHOOL DISTRICT

## ART

Mr. Bye

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[jeff.bye@westby-norse.org](mailto:jeff.bye@westby-norse.org)

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## ART

**Credit:** 0.5

**Grade** 9-12

**Single Period**

**Prerequisite:** None

Art will offer experiences with a variety of media while exploring the basic designing principles and elements of art. Experience in both 2-D and 3-D work will be offered with art history used as a point of reference for some of the projects. This course can be repeated for credit.



# WESTBY AREA SCHOOL DISTRICT

## BUSINESS EDUCATION

Mrs. Langrehr

amanda.langrehr@westby-norse.org



**ORGANIZATIONS:  
FBLA  
STUDENT SENATE**

## ACCOUNTING

*Transcribed Credit*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

A course to introduce students to the business world with special emphasis placed on the accurate recording of transactions and events which are financial in nature and then interpreting their results. Beyond traditional accounting, a unit on automated accounting is also taught with the aid of computers. Students will do a business simulation manually and then do the same simulation utilizing the computer. Those in the class will know how to set up their business problems on the computer and also be able to retrieve any of that information when needed. Concepts learned will allow the student insights into the total process of business systems and personal economic decisions. Accounting is not just for the individual who will work in business, but also for the family, for stockholders, business owners, business managers and secretaries.



## BUSINESS LAW

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** None

Business Law is an introductory course for students in grades 11-12 that emphasizes the role of law in today's business environment. Students will be acquainted with the substantive law in areas of criminal law, civil litigation, sales, and consumer protection. Students will learn what laws apply to them and protect them as employees, consumers, and citizens.

## INTRODUCTION TO BUSINESS

**Credit:** 0.5

**Grade** 9-12

**Single Period**

**Prerequisites:** None

Introduction to Business is a class that serves as a foundation for all classes in the CTE curriculum. By the end of the course, students will have a working knowledge of the types of business organizations, the functions of a business, human resources, and basic business accounting. Learning how to apply and interview for a job will also constitute a unit in the course. Introduction to Business is not a prerequisite for other classes in the CTE curriculum; however, the class is a foundation that will make other CTE classes much more understandable. Topics that are covered throughout the semester include defining types business organizations, creating business plans, implementing marketing strategies, developing financial planning and accounting procedures, and operating on a global level.



# WESTBY AREA SCHOOL DISTRICT

## BUSINESS EDUCATION

Mrs. Langrehr

amanda.langrehr@westby-norse.org



**ORGANIZATIONS:  
FBLA  
STUDENT SENATE**

## MARKETING

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

In this class the basic principles of marketing are examined. Discussion through the year will center around marketing and how it is used in the real world. This class is very project based. Discussion through the year will center around the following areas: identification of consumer markets, product development, pricing, merchandising, promotion (including both advertising and publicity), basic selling principles, limited business math, career exploration and job preparation.

## PERSONAL FINANCE

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

In this class, students work to become smarter consumers by learning how to make the most of their earned income by establishing and using budgets, creating plans for saving and investing and making smart decisions about credit and debt. Throughout the semester, students will explore real world challenges in order to plan now for a successful financial future. Our primary units include becoming a critical consumer, money management, saving & investing, credit & debt management, and risk management.



## RECORD KEEPING THROUGH COMPUTER APPLICATIONS

**Credit:** 0.5

**Grade** 10-12

**Single Period - Not Currently Being Offered**

**Prerequisite:** None

Excel in our digital world by acquiring the hardware, software, business productivity and Internet skills employers and colleges will throw your way. In addition to basic computer knowledge, students will master word processing (MS-Word), spreadsheet (Excel), database (Access) and presentation (PowerPoint) software and Internet skills preparing them for industry recognized IC3 certification.

## STUDENT PUBLICATIONS

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** None

The purpose of Student Publication is to provide students an opportunity to develop a strong foundation in publication creation. The focus of first semester is on creating the Westby High School Yearbook. Depending on class size, other projects include creating business cards, prom tickets, magazine covers and advertisements. This class is for highly motivated students who wish to creatively blend writing, research, design and organizational skills within a printed format - often using desktop publishing programs. Throughout the year, students will also learn about investigating and reporting newsworthy items; dealing with the issues of privacy, freedom of press and related legal concerns; personal and professional ethics; marketing a product; working within deadlines; personal responsibility; etc. Students will also learn some aspects of production as they relate to developing content for the school's channel.

# WESTBY AREA SCHOOL DISTRICT

## COMPUTER EDUCATION

Mr. Pedretti

ed.pedretti@westby-norse.org



### COMPUTER EDUCATION I: COMPUTER LITERACY

**Credit:** 0.5

**Grade** 9-12

**Single Period**

**Prerequisite:** None - Not Currently Being Offered

This course is a semester long course that is designed to give the student the basic knowledge necessary to effectively use computers and mobile tablets. Class topics include proficiency with the Norse Apps Google Suite (word processing, spreadsheet usage, electronic communication, information retrieval), strategies for effective and discerning online searching, and the safe and ethical use of technology (digital citizenship, internet safety, and copyright). Students will also be introduced to video, audio, and photo mobile apps as they create a variety of multimedia projects using iPads, and they will be introduced to computer coding as a career. Each student will complete the Khan Academy course, "Introduction to Java Script: Drawing and Animation". Computer coding skills will also be explored and reinforced with the use of Sphero robotic app-controlled balls. The goal of this course is to introduce students to a fundamental knowledge of computer functions and coding in an engaging manner as well as to prepare students for Computer Education 3: Programming.

### COMPUTER EDUCATION II

**Credit:** 0.5

**Grade** 9-12

**Single Period**

**Prerequisite:** None - Not Currently Being Offered

This course is designed to give the student an introduction to computer desktop publishing. Topics include a review of Apple OS X operating system, including all networking and hardware components, page layout design, full color printing, project estimation, scanning, graphic file management and manipulation, web page development, and video design. Students will learn how to modify and enhance pictures using Adobe Photoshop, create a personal website with Macromedia Dreamweaver, design professional business documents with QuarkXPress, and produce a 3 minute music video to a song of their own choice.

### COMPUTER EDUCATION III

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None - Not Currently Being Offered

This course is designed to introduce the student to computer programming. Topics include a review of the Apple OS X operating system, including all networking and hardware components, writing algorithms, creating animation, producing computer software, and learning to program in BASIC. Students will create an educational HyperStudio project, a HyperStudio adventure game as well as a series of BASIC programs culminating with a student-chosen software design scenario.

### COMPUTER EDUCATION IV

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None - Not Currently Being Offered

This course is designed to introduce the student to the repair and maintenance aspect of the computer industry. Topics in this course include the identification of computer components, troubleshooting problems, software restoration, driver downloads, hardware diagnosis, networking, and upgrading of equipment. Students will identify the major components of a computer, restore machines with a variety of operating systems, troubleshoot and repair common computer problems, disassemble and reassemble a computer, and build a personal computer from scratch.

# WESTBY AREA SCHOOL DISTRICT

## COMPUTER EDUCATION

Mr. Pedretti

ed.pedretti@westby-norse.org



## DIGITAL INFORMATION SKILLS FOR THE 21ST CENTURY\*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None - Not Currently Being Offered

This entirely online, semester-long class will examine the following: Assessing, evaluating, and using information effectively; ethical issues involving digital information access and use; understand how, why, and for what audience media messages are constructed and why they are interpreted differently; understand and effectively use digital information tools in a multicultural environment, primarily Web 2.0, like blogs, wikispaces, and listservs; use technology to research, organize, evaluate, and create information and to integrate the media to function in a knowledge economy. Course would be valuable for those with an interest in online environments and/or those who plan to attend college.

## WEBSITE DESIGN

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** Computer Science I - Not Currently Being Offered

The main focus of the web site design students will be the creation and maintenance of the school website. This would include creating pages, inputting information, working with other staff on their pages, and the day-to-day maintenance of the site. This class is more like a website team and students are treated more like employees than students. This is important work as we represent the District via the World Wide Web.

## EXPLORING COMPUTER SCIENCE

**Credit:** 0.5

**Grade:** 9-12

**Single Period**

**Prerequisite:** None

**Students will explore:**

**Human Computer Interaction** In this unit students are introduced to the concepts of computer and computing while investigating the major components of computers and the suitability of these components for particular applications.

**Problem Solving** This unit provides students with opportunities to become “computational thinkers” by applying a variety of problem-solving techniques as they create solutions to problems that are situated in a variety of contexts.

**Web Design** This section prepares students to take the role of a developer by expanding their knowledge of algorithms, abstraction, and web page design and applying it to the creation of web pages and documentation for users and equipment.

**Programming** Students are introduced to some basic issues associated with program design and development. Students design algorithms and create programming solutions to a variety of computational problems using an iterative development process in Scratch.

**Computing and Data Analysis** In this unit students explore how computing has facilitated new methods of managing and interpreting data. Students will use computers to translate, process and visualize data in order to find patterns and test hypotheses

**Robotics** This unit introduces robotics as an advanced application of computer science that can be used to solve problems in a variety of settings from business to healthcare and how robotics enables innovation by automating processes that may be dangerous or otherwise problematic for humans.

# WESTBY AREA SCHOOL DISTRICT

## FAMILY AND CONSUMER EDUCATION

Mrs. Marx

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jennie.marx@westby-norse.org

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**ORGANIZATIONS:  
FCCLA**

## ADVANCED FOODS

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** Basic Foods

Advanced Foods will teach you to prepare more complex foods that focus on the cooking side of food service industry. Special techniques for salads, soups and stews will be studied. We will research yeast and its effects on food. We will experiment with pizza and sandwiches and the art of bread making. We will study proteins which include beef, pork, and poultry. This unit will also identify techniques in full meal skills from menu writing, grocery list compiling, budgeting, full meal prep and completion, table settings, etiquette, and safety and sanitation. We will standardize recipes, modify recipes for different occasions and learn through a hands-on approach. We will have units in foam cakes such as angel food and describe different pie crust and filling techniques. To end the class, you will have the opportunity to become the "Next Advanced Foods STAR" by creating your own food show, which will be filmed and put into a podcast.

## BASIC FOODS

**Credit:** 0.5

**Grade** 10

**Single Period**

**Prerequisite:** None

Take the first step in a lifetime of daily food preparation! This class offers the opportunity to learn basic food term and preparation techniques, units that include the study of eggs, fruit, vegetables, grains, pasta and dairy. We will study why we eat and special diets that the world has. We will turn basic foods into a bakery and study topics such as cookies, cakes, quick breads, scones and turnovers. Ongoing knowledge will take place in kitchen safety and sanitation, recipe formats, teamwork, nutrition, etiquette, menu writing, consumer purchasing strategies, grocery store shopping and place settings. Students will increase their knowledge levels and advance their 21st century skill standards through hands-on, practical approach.

## CHILD DEVELOPMENT

*Transcripted Credit*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

This course will look at the norms of childhood behavior and growth; investigate responsibilities and alternatives for child rearing and parenting and to create an awareness of the characteristics of pregnancy, birth and child rearing. We will explore brain development in children from birth through teenage years. We will look at preschool children and their toys, health and safety, and activities for young children. We will analyze children at a young age and how their growth and development will impact them at an older age. Students will discuss readiness for parenthood, conception, prenatal development, birth adjustments, infancy, preschool children, discipline, and activities for children.



# WESTBY AREA SCHOOL DISTRICT

## FAMILY AND CONSUMER EDUCATION

Mrs. Marx

jennie.marx@westby-norse.org



**ORGANIZATIONS:  
FCCLA**

## CULINARY ESSENTIALS

*Transcribed Credit*

**Credit:** 0.5

**Grade** 12

**Single Period**

**Prerequisite:** Basic and Advanced Foods.

Culinary Essentials is a course for Seniors only. We will cover topics such as the value of quality customer service to the dining experience, the role of food service management, standards, regulations and laws, why safety and sanitation must be controlled at all times, how to use the equipment found in the professional kitchen, research culinary nutrition to be used in creating menus, standardized recipes, control costs and we will spend some time working on cooking techniques in food preparation. To finish off the class, all students will design and implement their own restaurant.

## FAMILY RELATIONS

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

This course will help you learn more about yourself and your relationships that you have by developing a positive self-concept, personality, and improve your communication skills. We will explore dating relationships; characteristics of a positive relationship and discuss various forms of abuse and how to cope with situation through role playing. This discussion focused class explores working families, teenagers, and their specifics issues that can lead to stress in the family. Focusing on the different family forms, family styles, and family stages will lead us into ongoing learning of family dynamics.

## FASHION CONSTRUCTION

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

This is a course for students interested in learning the basics of fabric selection, clothing construction and care. Students will have hands on experience with fabrics and garments of all qualities. The textile industry will be looked at in depth and many career possibilities will be researched. Students will have hands on experience learning how to operate a sewing machine, and an embroidery machine. Topics covered in this course will include clothing and society, the fashion world, color and design, fibers and fabrics, clothing care, clothing selection, sewing, mending and hand work that includes, cross-stitch, knitting and crocheting.

## GET THE FACS

**Credit:** 0.5

**Grade** 9-10

**Single Period**

**Prerequisite:** None

In this course you will gain an in depth look at all of the curriculum's of the Westby FACS department. You will get a sampling of things from basic nutrition to budgeting. We will look at healthy relationships, family relationships, and your role in the family. Our focus will switch to children where we will explore activities you can use while caring for children. We will have a short unit on Interior design and we will do a community service project using basic sewing skills. We will end our semester with a unit in foods and nutrition.



# WESTBY AREA SCHOOL DISTRICT

## FAMILY AND CONSUMER EDUCATION

Mrs. Marx

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jennie.marx@westby-norse.org  
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## INTERIOR DESIGN

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

This class will meld your interest in creative design with the technical measurements that come with construction. Careers studied include, interior designers, construction workers, and contractors. Introduction to the housing industry as well as interior and exterior home design will be explored. We will examine costs of renting or buying your own home. Budgeting for your own home and researching related expenses. Decision making skills will be utilized through this course. You will increase your skills in room planning for the kitchen, bath, bed and living rooms. You will gain knowledge in furniture selection, color dynamics, learn floor plan design, embellish rooms by adding window treatments, elements of design, style and color. Once you leave this course you will be prepared to take the beginning courses in a post secondary environment.

## ASSISTANT CHILDCARE TEACHER CERTIFICATE

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** Child Development

If you are interested in working with children from birth through age eight in a daycare, pre-school, or school age program, this is the class for you! You will gain a greater understanding of child development, plan developmentally appropriate activities, and practice the responsibilities of assistant teachers.



**ORGANIZATIONS:  
FCCLA**

# WESTBY AREA SCHOOL DISTRICT

## LANGUAGE ARTS

Mrs. Gilkes

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tammy.gilkes@westby-norse.org

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Mr. Nelson

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dave.nelson@westby-norse.org

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Mrs. Thomas

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laura.thomas@westby-norse.org



## ORGANIZATIONS: FORENSICS

## ENGLISH 9

**Credit:** 1.0

**Grade** 9

**Single Period**

**Prerequisite:** None

As students complete their study of grammatical elements in middle school, ninth grade English will review those elements. Usage, spelling, and vocabulary will also be incorporated into the variety of writings in which freshmen will engage. Composition emphasis will be on the paragraph, with essay tests, demand responses, writing logs, and response journals being the major projects of the course. Attention will also be given to refining their research skills in the library and abroad. All genre of literature will be studied and integrated with various types of writing. Short stories, novels, and dramas will receive primary emphasis.

## ENGLISH 10

**Credit:** 1.0

**Grade** 10

**Single Period**

**Prerequisite:** None

The students in English 10 will work on a variety of writing styles, using many writing strategies. Essays, creative stories, poetry, and journal writing are just a few of the writing assignments covered in the class. Students will also explore intrapersonal communication in an effort to ease the discomfort of public speaking. Reading will also be woven into the curriculum. Different genre with writers both from the Americas and all over the world will be studied. Grammar will be sprinkled throughout the curriculum as the need arises.

## ENGLISH 11 - AMERICAN LITERATURE

**Credit:** 1.0

**Grade** 11

**Single Period**

**Prerequisite:** None

English 11 surveys American Literature from the colonial period through the contemporary period. Early American Literature provides students the opportunity to analyze complex historical informational texts with an eye toward understanding the rhetorical language choices made. Students will continue analysis of literature from various angles to establish connections between literature and the arts. Throughout the year, students focus on vocabulary development and grammar mastery through engagement in specific reading, writing, and thinking skills in order to prepare for testing and college-level experiences. Students learn to evaluate what they read by responding critically to readings through discussion and writing. Emphasis is placed on the writing process and modes include informational papers, argumentative essays, comparison/contrast compositions and literary analysis. Timed writing of argumentative essays in preparation for state-wide ACT testing in the spring is also part of this course.

# WESTBY AREA SCHOOL DISTRICT

## LANGUAGE ARTS

Mrs. Gilkes

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tammy.gilkes@westby-norse.org

---

Mr. Nelson

---

dave.nelson@westby-norse.org

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Mrs. Thomas

---

laura.thomas@westby-norse.org



## ORGANIZATIONS: FORENSICS

## ENGLISH 12

**Credit:** 1.0

**Grade:** 12

**Single Period**

**Prerequisite:** None

English 12 is a class for students who intend to enroll in a technical school, join a branch of the armed forces, or enter the workforce after high school graduation. Students should plan to do a wide variety of writing, including but not limited to expository and in-class essay composition. English skills at school and on the job will be emphasized through the development of career portfolios. Lifetime language skills, including basic grammar reviews and writing practices, will also receive significant attention. Literary analysis will also be emphasized through the novels assigned and all assignments and discussions accompanying the literature. This class does not meet the requirements of 4 year colleges/universities.

## SENIOR COMPOSITION & LITERATURE

**Credit:** 1.0

**Grade** 12

**Single Period**

**Prerequisite:** None

Senior Composition & Literature rounds out the students' high school ELA experience and finishes preparing students for college-level English work. The first semester focuses on writing while the second semester focuses on British Literature and Poetry. Each semester of this course counts for 0.5 of the 1.0 English credits you need for senior year. Some students choose to challenge themselves first semester with College Writing and then spend second semester with this class, while others may choose to spend first semester in this class and transfer to AP Language & Composition in the spring. Forms of writing include personal reflection, college/scholarship essays, a senior research paper, an argumentative essay, a literary analysis and a compare/contrast essay. Writing techniques emphasize style and tone appropriate to a particular purpose and audience. Vocabulary is college preparatory related to the content of the course. The students study representative works of British literature to incorporate thinking and writing skills in their analysis of literary selections.

## AP LANGUAGE AND COMPOSITION

**Credit:** 0.5

**Grade** 12

**Single Period**

**Prerequisite:** None

**AP Exam Fee - \$94 (Optional)**

Advanced Placement Language and Composition is a collegiate course in reading and critical analysis of literature. The class will practice reading closely, thinking precisely and writing logically. Students must be highly motivated and willing to complete a writing sample to gain admittance into the class. This sample will be evaluated by English department members and used to help determine acceptance into the class. In the late spring, each student will have the option of completing the Advanced Placement test in Language & Composition for the possibility of earning college credit.



# WESTBY AREA SCHOOL DISTRICT

## LANGUAGE ARTS

Mrs. Gilkes

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tammy.gilkes@westby-norse.org

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Mr. Nelson

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dave.nelson@westby-norse.org

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Mrs. Thomas

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laura.thomas@westby-norse.org



**ORGANIZATIONS:  
FORENSICS**

## ENGLISH COLLEGE WRITING 110

**Credit:** 0.5

**Grade** 12

**Single Period**

**Prerequisite:** Must meet the criteria of UW-La Crosse

English College Writing 110 is a semester class and will fulfill one-half of the requirement for senior English. The class will also take the place of freshman English classes at most colleges and universities when at least a C is earned if taken for college credit. The class will focus on writing with emphasis placed on critical thinking, the essay, and research. A variety of rhetorical styles will be explored and practiced.

\* Students enrolled through UW-L must meet their standards which include a 26 composite on the ACT or a class rank in the top 25% of their class. Students may take the class to prepare for college English without taking it for college credit but will not be allowed the same access to the UW-L library or the privileges of UW-L students. Please see Mr. Stoker for financial details.

## SPEECH 110 - DUAL CREDIT

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** Must meet the criteria of UW-La Crosse

This course introduces students to key communication concepts and skills that will encourage them to become more competent and culturally sensitive communicators. Students will develop speaking, relational and listening skills as they explore interpersonal, group/team and public communication topics. This course will help students become more effective and ethical communicators in a highly diverse society. The class will also take the place of the speech requirement classes at many colleges and universities when at least a C is earned, if taken for college credit.

\* Seniors enrolled through UW-L must meet their standards which include a 26 composite on the ACT or a class rank in the top 25% of their class. Juniors must rank in the top 10% of their class. Students may take the class to prepare for college English without taking it for college credit. Please see Mr. Stoker for financial details.

Click [here](#) for more information regarding Dual Credit through UW-La Crosse

# WESTBY AREA SCHOOL DISTRICT

## LANGUAGE ARTS

Mr. Nelson

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dave.nelson@westby-norse.org

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Mrs. Gilkes

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tammy.gilkes@westby-norse.org

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Mrs. Thomas

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laura.thomas@westby-norse.org



**ORGANIZATIONS:  
FORENSICS**

## CREATIVE WRITING

**Credit:** 0.5

**Grade** 11-12

**Single Period Elective**

**Prerequisite:** None

Students enrolled in this semester-long course will write in a variety of genres, including prose, poetry, journalism, children's literature and drama. Focus is on students developing their own style of writing through several drafts within these formats. Students will also be expected to share and constructively comment on peer work. This English class is an elective.

## SPEECH

**Credit:** 0.5

**Grade** 9-12

**Single Period Elective**

**Prerequisite:** None

The students in speech will explore intrapersonal communication in an effort to ease the discomfort of public speaking. Communication in all situations will be explored in a hands-on learning format.

## ADVANCED SPEECH COMMUNICATIONS

**Credit:** 0.5

**Grade** 11-12

**Single Period Elective**

**Prerequisite:** None

Advanced Speech Communications class will continue to develop speaking skills. Through classroom activities, students will further investigate one-to-one, group, mass, and public speaking skills exploring the areas of debate, special occasion, radio, drama, forensics, and a variety of other speech topics. The class will be project/performance based. This English class is an elective.

# WESTBY AREA SCHOOL DISTRICT

## FOREIGN LANGUAGE

Ms. Timmel

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[kara.timmel@westby-norse.org](mailto:kara.timmel@westby-norse.org)

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## SPANISH I

**Credit:** 1.0

**Grade** 9-12

**Single Period**

**Prerequisite:** None

Students enrolled in this class will be introduced to the Spanish language and Spanish-speaking cultures. Course emphasis will be on developing listening, speaking, reading and writing skills, as well as a knowledge of vocabulary, grammar and culture. The central focus of the course is to develop communicative proficiency.

## SPANISH II

**Credit:** 1.0

**Grade** 10-12

**Single Period**

**Prerequisite:** Spanish I\*

\*Transfer students will be placed upon the results of a placement test, previous grades received and the recommendation of the instructor.

In this course students will pursue the study of the language by enhancing their skills in listening, speaking, reading and writing. During the second course heavy stress is placed on increasing the student's vocabulary base, mastery of verb tenses and conjunctions, increasing cultural knowledge, as well as increasing fluency in oral conversation. Reading and writing skills will be further developed and refined. The aim of Spanish II is to continue the understanding, speaking, reading and writing skills begun in Spanish I, thus enabling the student to achieve greater proficiency.

## SPANISH III

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** Spanish I & II

Students will refine the concepts learned in Spanish One and Two and will work towards communicating with greater automaticity. This class focuses on a more independent discovery of the language. Projects are utilized to combine multiple modes of communication and grammatical concepts. This course focuses on deepening the students understand of the Spanish language and culture through a means that is student driven and discussion based.

## SPANISH IV

**Credit:** 1.0

**Grade** 12

**Single Period**

**Prerequisite:** Spanish I, II, & III

Students in Spanish Four can expect a true immersion setting, exploring the language through different texts, videos, and songs in Spanish. We will work on communicating solely in the target language to deepen students understand of the Spanish language. This is a challenging course and students will leave feeling prepared to travel in a Spanish speaking country.

# WESTBY AREA SCHOOL DISTRICT

## MATHEMATICS

Mrs. Bluske

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kay.bluske@westby-norse.org

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Mr. Kenyon

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keith.kenyon@westby-norse.org

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Mr. Yanske

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chris.yanske@westby-norse.org

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**ORGANIZATIONS:  
PROBABILITY  
CLUB**

## INDIVIDUALIZED ALGEBRA

**Credit:** 1.0

**Grade** 9

**Single Period**

**Prerequisite:** None

Students spend extended time covering the basic concepts of algebra, polynomial and linear sentences, lines and distances, slopes and coordinate plane graphing, exponents, algebraic systems, parabolas and quadratic equations, functions, logical thinking, and probability.

## ALGEBRA I - REQUIRED

**Credit:** 1.0

**Grade** 9

**Single Period**

**Prerequisite:** None

This is an introductory course to higher level math skills and the understanding of basic algebraic concepts. This course is also a requirement for involvement in most tech school programs and all universities. Topics covered include the basic concepts of algebra, polynomial and linear sentences, lines and distances, slopes and coordinate plane graphing, exponents, algebraic systems, parabolas and quadratic equations, functions, logical thinking, and probability.

## INDIVIDUALIZED GEOMETRY

**Credit:** 1.0

**Grade** 10

**Single Period**

**Prerequisite:** None

Students spend extended time covering all the basic ideas of geometry including, deductive reasoning skills, points, lines, planes, angles, parallelism, congruency, similarity, area, volume and coordinate geometry. Plus, a stronger emphasis on special relationships; stronger connections between algebra, probability and other mathematical concepts; and, an emphasis on communication skills (especially in the organization and writing of proofs).

## GEOMETRY - REQUIRED

**Credit:** 1.0

**Grade** 9-10

**Single Period**

**Prerequisite:** C- average or better in Algebra I or consent of instructor.

Geometry includes all the basic ideas including, deductive reasoning skills, points, lines, planes, angles, parallelism, congruency, similarity, area, volume and coordinate geometry. Plus, a stronger emphasis on special relationships; stronger connections between algebra, probability and other mathematical concepts; and, an emphasis on communication skills (especially in the organization and writing of proofs). This course is the standard for college acceptance.

# WESTBY AREA SCHOOL DISTRICT

## MATHEMATICS

Mrs. Bluske

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kay.bluske@westby-norse.org

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Mr. Kenyon

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keith.kenyon@westby-norse.org

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Mr. Yanske

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chris.yanske@westby-norse.org



**ORGANIZATIONS:  
PROBABILITY  
CLUB**

## ALGEBRA 1.5

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** None

This is a course for students who do not believe that Algebra 2 is the right fit for them. It will incorporate Algebra 2 concepts into real world examples. It is required for any student who has taken an Individualized Math course, and strongly recommended for those who have difficulty in math.

## BUSINESS MATH

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** None - Not Currently Being Offered

This course introduces topics from figuring rates of return on investments and refinancing mortgages to reading the electric meter and balancing a checkbook. This course is designed to be beneficial for students of widely differing backgrounds and abilities. Regardless of whether a student struggles with basic math or breezes through advanced math, all students should acquire very useful skills to use at home and at work with this story-problem approach to daily living situations. This class does not meet the requirements of 4 year colleges/universities.

## PROBABILITY AND STATISTICS

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** C average or better in Algebra II.

This course is designed to give the student an introduction to probability and statistics by analyzing real-life data selected from a variety of sources including journals, periodicals, newspapers and the Internet to show students the links between statistics and their everyday lives. During this course, the student will learn to organize data, learn probability theory, perform data samples and hypothesis testing and use correlation and regression to investigate relationships among data.

# WESTBY AREA SCHOOL DISTRICT

## MUSIC

Mr. Dahlen

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kory.dahlen@westby-norse.org

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Mr. Dunnum

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monte.dunnum@westby-norse.org

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Mr. Engh

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peter.engh@westby-norse.org



## CONCERT BAND

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** Consent of Instructor if not currently in Band.

The Concert Band will be the main performing organization of the Westby Area High School band program. Membership is open to junior and senior band members and others by audition. The Concert Band will perform the most challenging literature available for the high school and college levels, while the symphonic band will perform music of medium difficulty. These bands are the core for the WAHS Band Program and offer the greatest opportunity for music education growth. Band members will be exposed to a wide variety of literature from which they can expand artistic and cultural horizons. Every attempt will be made to provide music which is both challenging and enjoyable. Students will be given weekly lessons and will have opportunities for student conducting, solo and ensemble participation, pep band, jazz band, band committees and officer roles. The band will appear on the Christmas Concert, the Spring Concert, the Student Directors Concert and at Large Group Music Festival.

## SYMPHONIC BAND

**Credit:** 1.0

**Grade** 9-10

**Single Period**

**Prerequisite:** None

This group includes all incoming ninth and tenth grade band members other than those selected by audition to participate in the Concert Band. The band will primarily focus on concert music. Students will be placed (ranked) in their section based on instructor evaluation of playing ability. Students will be given weekly lessons and will have opportunities for student conducting, solo and ensemble participation, pep band, jazz band, band committees and officer roles. The band will perform music of medium difficulty and will appear on the Christmas Concert, the Spring Concert, the Student Directors Concert and at Large Group Music Festival.

## CANTATE CHOIR

**Credit:** 1.0

**Grade** 9-10

**Single Period**

**Prerequisite:** None

The Cantate Choir gives students an introduction to good choral music and correct choral singing. This choir will be made up of freshmen and sophomores girls. The choir meets three times per week and appears in four concerts per year. The choir also competes in the music contest in the spring. Members of this group must try out and, if accepted, also take a voice lesson individually or in small groups. Every attempt will be made to provide music, which is both challenging and enjoyable. Every student will have the opportunity to sing fine choral literature of all periods and musical styles. The women's and men's chorus rehearse one day a week. Students will be given weekly lessons and will have opportunities for solo and ensemble participation, jazz choir, show choir, madrigals, choir committees and officer roles. This choir will perform music of medium difficulty.

# WESTBY AREA SCHOOL DISTRICT

## MUSIC

Mr. Dahlen

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kory.dahlen@westby-norse.org

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Mr. Dunnum

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monte.dunnum@westby-norse.org

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Mr. Engh

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peter.engh@westby-norse.org



## CONCERT CHOIR

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** Consent of instructor if not currently in Choir.

The Concert Choir will sing and perform the most challenging literature available for the high school and college levels. This Choir is the core for the WAHS Choral Program and offers the greatest opportunity for music education growth. The Concert Choir is made up of some freshman, some sophomores, all juniors, and all seniors. These choir members will be exposed to a wide variety of literature from which they can expand artistic and cultural horizons. Every attempt will be made to provide music, which both challenging and enjoyable. Every student will have the opportunity to sing fine choral literature of all periods and musical styles. The choir meets three times per week and appears in four concerts per year. The choir also competes in the music contest in the spring and at other functions during the year such as Chorifest in Madison, Milwaukee Bucks Basketball game, and many others. Members of this group must take weekly voice lessons individually or in small groups. The women's and men's chorus rehearse one day a week. Students will have opportunities for solo and ensemble participation, jazz choir, madrigals, choir committees and officer roles.

## MUSIC APPRECIATION

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Music Appreciation will involve an in-depth study about basic concepts of music and then will involve all the different periods of music from ancient Greece to the modern contemporary period. It also takes a look at a historical perspective of different composers, sculptors, artists, explorers and how they went hand-in hand throughout history.

## MUSIC THEORY & EAR TRAINING

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** None

This class will focus on the elements of music and their relationships to the music of our world. A focus of preparing students for college music theory is intended. However, the class will address music theory for everyone.

# WESTBY AREA SCHOOL DISTRICT

## PHYSICAL EDUCATION & HEALTH (PE)

Mrs. Dunnum

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peg.dunnum@westby-norse.org

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Mr. Halvorson

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ken.halvorson@westby-norse.org

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Mr. Kirner

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rob.kirner@westby-norse.org



## INDIVIDUAL SPORTS/REC ACTIVITIES

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** Phy Ed 9

Individual sports is a class for students who do not enjoy a team sport atmosphere, yet wish to gain the knowledge and skills required to participate in other sport activities. Students will be held accountable for material in class by rubrics and checklists, and be given a written test after every unit. The test will consist of basic terms, rules, and strategies of the games. This class is open to a sophomore, junior, or senior. Class subjects will include Golf, Bowling, Badminton, Tennis, Table Tennis, Track and Field, Lawn Games, and possibly in the future Fishing and Archery.

## TEAM SPORTS

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** Phy Ed 9

Team Sports is for students who bore easily from slower, more technique based sports and wish to play in a team atmosphere. Team Sports would create an avenue for students who crave competition and more fast-paced games. Students would need to know basic terminology and rules for every sport played, and also be able to understand and evaluate strategies needed to be successful in that sport. The students of the class would be evaluated by a teacher or peer via checklist or rubric, and have an exam after each unit. This class would be offered to sophomores, juniors, and seniors. Class subjects would include but not limited to Hockey, Volleyball, Team Handball, Soccer, Football, Softball/Baseball, Ultimate Frisbee, and Broomball.

## WEIGHT TRAINING - THEORY & APPLICATION

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** None

The course will consist of information on anatomy, physiology, and muscle function as they relate to proper weightlifting techniques, exercise, and components of efficient weight training programs. Instruction will take place during the first 10 minutes of class, with the remaining time devoted to weight training. The purpose of this course is to provide students with ability to develop and implement a safe and efficient weight-training program for themselves. Weight training can be considered a lifelong activity. A clear understanding of the principles involved will be beneficial for years to come.



# WESTBY AREA SCHOOL DISTRICT

## SCIENCE

Mrs. Benzing

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melinda.benzing@westby-norse.org

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Mrs. Hamilton

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heidi.hamilton@westby-norse.org

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Mrs. Hoven

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erica.hoven@westby-norse.org



**ORGANIZATIONS:  
GREEN CLUB**

## EARTH AND SPACE - REQUIRED

**Credit:** 1.0

**Grade** 9

**Single Period**

**Prerequisite:** None

Earth Science offers insight to the sciences related to planet Earth. We will cover topics including the layers of the Earth, rocks and minerals, resources and energy, the fossil record, plate tectonics, atmospheric forces and space. These science areas will be supplemented with laboratory work, group work, projects, and computer simulations.

## BIOLOGY - REQUIRED

**Credit:** 1.0

**Grade** 10

**Single Period**

**Prerequisite:** Earth and Space Science

Biology is the study of living things and is a year long course which is required by the state for graduation. Topics that will be covered include the scientific method, plants, animals, fungi, bacteria, cells, genetics, ecology, and environmental issues. Students will learn about these topics through experiments, dissections, homework, and projects.

## ANATOMY & PHYSIOLOGY

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** C average or better in Biology is recommended or consent of instructor.

Anatomy and Physiology is the study of the body and how it functions. We will begin by reviewing some of the major anatomical terminology, and the basic organization of the body from the cellular level up to organ systems. The majority of the course will focus on the major body systems, including the skeletal, muscular, nervous, cardiovascular, respiratory, urinary, digestive, reproductive, endocrine, lymphatic, and integumentary systems. This course would be excellent for any student that is interested in a health related field or any science field.

## CHEMISTRY

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** C average in Biology or consent of instructor and Algebra II or concurrent enrollment.

Chemistry is a course based on regular laboratory investigations of matter, chemical reactions, and the role of energy in those reactions. Students enrolled in Chemistry will compare and contrast structure and properties of matter and the mechanisms of its interactions. In addition, students enrolled in this course are expected to: (1) gain an understanding of the history of chemistry, (2) explore the uses of chemistry in various careers, (3) investigate chemical questions and problems related to a variety of issues, and (4) learn and practice laboratory safety. This course also includes mathematical problem solving.

# WESTBY AREA SCHOOL DISTRICT

## SCIENCE

Mrs. Benzing

---

melinda.benzing@westby-norse.org

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Mrs. Hamilton

---

heidi.hamilton@westby-norse.org

---

Mrs. Hoven

---

erica.hoven@westby-norse.org



**ORGANIZATIONS:  
GREEN CLUB**

## AP BIOLOGY

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** C average or better in Biology and Chemistry

**AP Exam Fee - \$94 (Optional)**

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course. The course seeks to prepare students for the AP Biology test in late spring, which focuses on four “Big Ideas”- The process of evolution drives the diversity and unity of life; Biological systems utilize energy and molecular building blocks to grow, reproduce, and maintain homeostasis; Living systems retrieve, transmit, and respond to information essential to life processes; and Biological systems interact, and these interactions possess complex properties. These big ideas will be approached through inquiry-based labs and class activities that help students gain deeper insight through seven essential science practices - using representations and models to communicate scientific phenomena and solve scientific problems; using mathematics appropriately; engaging in scientific questioning to extend thinking or to guide investigations within the context of the AP course; planning and implementing data collection strategies in relation to a particular scientific question; performing data analysis and evaluation of evidence; working with scientific explanations and theories; and connecting and relating knowledge across various scales, concepts, and representations in and across domains.

## AP CHEMISTRY

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** C average or better in Chemistry.

**AP Exam Fee - \$94 (Optional)**

The AP Chemistry course is designed to provides students with a college-level foundation to support future advanced coursework in chemistry and to prepare students for the AP Chemistry test in late spring. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students are expected to complete problems sets on their own, take notes on their own and are expected to write a lab report at the conclusion of each lab. We will complete about 20 labs during the course of the year. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities. There is a lot of extra time involved in taking an AP class.

## PHYSICS

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** C average or better in Algebra 2 or currently enrolled in Algebra 2

Physics is a mathematical, observational, experimental, and laboratory course that looks at the world and technology around us. We will study motion, forces, work, thermodynamics, waves, and electricity and magnetism. Throughout the course we will study the concepts that govern physics, the mathematics that support them, and conduct experiments for reinforcement.

# WESTBY AREA SCHOOL DISTRICT

## SOCIAL SCIENCE

Mr. Huebner

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brian.huebner@westby-norse.org

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Mr. Hulst

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andy.hulst@westby-norse.org

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Mr. Luebke

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mark.luebke@westby-norse.org



**ORGANIZATIONS:  
PSYCH CLUB**

## CIVICS/WORLD CULTURES - REQUIRED

**Credit:** 1.0

**Grade** 9

**Single Period**

**Prerequisite:** None

Earth Science offers insight to the sciences related to planet Earth: Geology: plate tectonics, volcanoes, earthquakes, weathering, and agents of erosion, and Meteorology: the study of the atmosphere, weather conditions, and forecasting the weather. These science areas will be supplemented with audio-visual material, laboratory work, and an emphasis on science and technology.

## WORLD HISTORIOGRAPHY - REQUIRED

**Credit:** 1.0

**Grade** 10

**Single Period**

**Prerequisite:** None

World Historiography is a composite course consisting of geography and history themes including geography, the ancient world, with emphasis on the Egyptians, Greeks and Romans. We also study the Middle East from the time of Mohammed to the present. Other units of study include the British Isles, Soviet Union, India, China, and Japan. Included as well are extensive units on World War I, World War II, and the era of the Cold War. If time permits, units on Africa and Latin America are attempted. Speakers on various subjects are brought in; films are used as well as filmstrips and educational games and projects. Current events are studied as time and necessity dictate.

## US HISTORY - REQUIRED

**Credit:** 1.0

**Grade** 11

**Single Period**

**Prerequisite:** None

This course examines United States history from the present period to the revolution. It focuses on international relation in the 20th century, the development and reform of American politics, the evolution of American society and culture, and the place of the United States in the world. Wisconsin and local history is infused within the curriculum to personalize the content of this course. This class is taught in a lecture/discussion format with primary and secondary historical readings supplementing the main text. Guest speakers, Webquests, simulations, and documentaries are brought in to provide enrichment.

## AMERICAN GOVERNMENT - REQUIRED

**Credit:** 0.5

**Grade** 12

**Single Period**

**Prerequisite:** None

This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. The goals of the course will be to have students know and understand important facts, concepts, and theories pertaining to U.S. government and politics. Students will understand typical patterns of political processes and behavior and their consequences. Students will also be able to analyze and interpret basic data relevant to U.S. government and politics. The main topics of the class are: The U.S. and the Constitution, political beliefs and behaviors, political parties/interest groups/and the mass media, institutions of the U.S. government, public policy, and civil rights and liberties.

# WESTBY AREA SCHOOL DISTRICT

## SOCIAL SCIENCE

Mr. Huebner

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brian.huebner@westby-norse.org

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Mr. Hulst

---

andy.hulst@westby-norse.org

---

Mr. Luebke

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mark.luebke@westby-norse.org



**ORGANIZATIONS:  
PSYCH CLUB**

## AP GOVERNMENT AND POLITICS: UNITED STATES

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** Consent of instructor.

**\*AP Exam fee - \$92 (Optional)**

This AP course in United States Government and Politics will give students an analytical perspective on government and politics in the U.S. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. The goals of the course will be to have students know and understand important facts, concepts, and theories pertaining to U.S. government and politics. Students will understand typical patterns of political processes and behavior and their consequences. Students will also be able to analyze and interpret basic data relevant to U.S. government and politics. The main topics of the class are: The U.S. and the Constitution, political beliefs and behaviors, political parties/interest groups/and the mass media, institutions of the U.S. government, public policy, and civil rights and liberties. In the late spring, each student will have the option of completing the Advanced Placement test in Government and Politics:US for the possibility of earning college credit.

## AP PSYCHOLOGY

**Credit:** 1.0

**Grade** 11-12

**Single Period**

**Prerequisite:** Consent of instructor.

**\*AP Exam fee - \$94 (Optional)**

Psychology is the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologist use in their science and practice. Areas of study include; behavior, sensation, perception, learning, memory, intelligence, motivation, personality, abnormal psychology, and social psychology. Psychology is a year long course which will require considerable amount of outside reading and studying time. In the late spring, each student will have the option of completing the Advanced Placement test in Psychology for the possibility of earning college credit.

## CURRENT EVENTS

**Credit:** 0.5

**Grade** 12

**Single Period**

**Prerequisite:** None

Current Events is a course designed to focus on how current events are related to specific common themes. Students will be expected to follow global and local news events. These will be tied into in class discussion and related themes.

# WESTBY AREA SCHOOL DISTRICT

## SOCIAL SCIENCE

Mr. Huebner

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brian.huebner@westby-norse.org

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Mr. Hulst

---

andy.hulst@westby-norse.org

---

Mr. Luebke

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mark.luebke@westby-norse.org



**ORGANIZATIONS:  
PSYCH CLUB**

## HUMAN GEOGRAPHY

**Credit** 0.5

**Grade** 11-12

**Single Period**

**Prerequisites:** None

The purpose of Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will examine the methods and tools geographers use in their science and practice.

## SOCIAL PROBLEMS

**Credit:** 0.5

**Grade** 12

**Single Period**

**Prerequisites:** None

Social Problems is a semester long senior class examining social problems that are prevalent in a "civilized" society. Units of study in Social Problems are a mix of student and instructor consensus of important concepts. Major areas possibly covered in this class are mental health, drugs and alcohol, delinquency, and aging. These problems are presented in discussion format and supplemented with field trips and guest speakers. Emphasis is placed on group projects and group participation.

# WESTBY AREA SCHOOL DISTRICT

## SPECIAL EDUCATION

Mrs. Caauwe

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denise.schwartz@westby-norse.org

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Ms. Hinkley

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lynelle.hinkley@westby-norse.org

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Ms. Oliphant

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nikki.oliphant@westby-norse.org

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Mrs. Temp

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amber.temp@westby-norse.org

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## BUSINESS BASICS

Credit: 0.5

Grade 9-10

Single Period

Prerequisite: None

Students will put their skills to the test in this course where they develop a small business that will be ran at the WAHS. Students will use soft skills and communication skills to take and deliver orders, organization skills to fill orders, and math skills to keep a running document of expenses and profit

## INTRODUCTION TO CAREERS

Credit: 05

Grade 10-12

Single Period

Prerequisite: None

This course is designed connect the lessons prepared in Career Cruising with hands on activities that will develop skills needed when transitioning from high school to secondary education or a job site. When completed with this course students will have developed an understanding of their strengths and weaknesses, career options, a pathway to lead to their success, skills to apply for a job and interview.

Since each students path to success is different, so are the lessons they will be completing within this course. We will use the lesson layout to mark the lessons that will help one particular student reach their unique transition goals. Student use two main resources to complete these lessons:

Career Cruising and Opening Doors to Employment.

## LIVING SKILLS

Credit: 0.5

Grade 10-12

Single Period

Prerequisite: None

This course has a wide range of skills that students will use when transitioning out of high school into the world of adulthood. These living skills are those skills necessary to live as independently as possible. Such skills may include but are not limited to: housekeeping, cooking, time management, shopping, laundry, and budgeting. We will use the community as much as possible so students learn to use these skills in the setting where they will be in after graduation.

## JOB SKILLS

Credit: 0.5

Grade 10-12

Single Period

Prerequisite: None

In today's global economic climate, employment and productivity are as dependent on academic and technical skills as they are soft skills. What are soft skills? Soft skills are sometimes referred to as "people skills," "non-cognitive skills," or "emotional intelligence", but encompasses more than any one of those names implies. Students work their way through hands on lessons from "Skills to Pay the Bills" and learn skills related to communication, enthusiasm and attitude, teamwork. Networking, problem solving and critical thinking, and professionalism.

# WESTBY AREA SCHOOL DISTRICT

## SPECIAL EDUCATION

Mrs. Caauwe

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[denise.schwartz@westby-norse.org](mailto:denise.schwartz@westby-norse.org)

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Ms. Hinkley

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[lynelle.hinkley@westby-norse.org](mailto:lynelle.hinkley@westby-norse.org)

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Ms. Oliphant

---

[nikki.oliphant@westby-norse.org](mailto:nikki.oliphant@westby-norse.org)

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Mrs. Temp

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[amber.temp@westby-norse.org](mailto:amber.temp@westby-norse.org)

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## SCHOOL TO WORK

**Credit:** 0.5

**Grade** 9-10

**Single Period**

**Prerequisite:** None

Special Education School to work provides a short term work-based learning experience that allows students to follow a host employer during a typical day while observing daily activities and asking questions about a particular career. For many students, this may be their first, practical exposure to a particular career or even to the world of work in general. This allows a student to observe a career path of his or her interest. They may be able to witness a variety of tasks and learn about the educational/training requirements associated with a particular career. The experience can help a student formulate a more realistic impression of whether or not they are truly compatible regarding their individual interests and abilities.

# WESTBY AREA SCHOOL DISTRICT

## TECHNOLOGY EDUCATION

Mr. Pedretti

ed.pedretti@westby-norse.org



**ORGANIZATIONS:  
ROBOTICS**

### TECHNOLOGY EDUCATION I - INTRODUCTION TO TECHNOLOGY

**Credit:** 0.5

**Grade** 9-10

**Single Period**

**Prerequisite:** None

Tech Ed I is a course that continues on where 7th grade Tech. Ed. left off. If you liked 7th grade Tech. Ed. you'll love this course! You'll be doing fun and interesting projects such as large wood signs, manufacturing projects, CO-2 race car production, photography and computer graphics, small engine service and repairs, welding, and problem solving and design. We will incorporate the 3D printer TinkerCADD software and CNC laser engraver in a number of these activities.

### TECHNOLOGY EDUCATION II - MANUFACTURING AND ENTERPRISE

**Credit:** 05

**Grade** 10-12

**Single Period**

**Prerequisite:** None

In Tech Ed II or Manufacturing students will learn how to use all of the woodworking tools in the shop as they design and build products for sale. We never manufacture the same product twice and most project ideas come from the students. Ninety percent of the course is working in the shop on creating the assembly line and making products.

### TECHNOLOGY EDUCATION III - CADD (COMPUTER ASSISTED DRAFTING & DESIGN)

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Tech Ed III or Computer Aided Drafting and Design. Drafting is the universal communication tool used by all industries worldwide to communicate ideas on paper in the form of a drawing or plan. We will be replacing the pencil and paper with a computer as the student learns about all the basic types of drawings. This will also include 3D solid modeling with the assistance of our 3D printer. Ninety percent of the class time is spent working on the computer to create drawings.

### BUILDING CONSTRUCTION

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

The Construction course is a must for anyone planning on entering the construction field, potential homeowners, or the weekend carpenter. Students will be working on actual construction projects both indoors and outdoors. We spend over ninety percent of our class time in the shop working on projects.

### PHOTOGRAPHY I

*Advanced Standing*

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Photo I is a basic photo course taught using digital cameras. The basic concepts of using a camera will all be covered including PhotoShop which is the standard digital photo editing software used everywhere in industry. Most photo taking will be done outside of class using class time for editing, printing, and matting photos





# WESTBY AREA SCHOOL DISTRICT

## TECHNOLOGY EDUCATION

Mr. Pedretti

ed.pedretti@westby-norse.org



## ORGANIZATIONS: ROBOTICS

## PHOTOGRAPHY II

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** Photography I

Photo II is a course that will provide the student with more experiences in Photography and accelerate your ability to see and produce an image. Students will be pursuing their passion for creating images via two paths. One path is determined by assignments given by the instructor and the other path is chosen by the student based on their own interests in photography.

## POWER AND ENERGY (POWER MECHANICS)

**Credits:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** None

Power-n-Energy or Power Mechanics is a class if you want to learn about repairing and troubleshooting small engines, and other electro-mechanical systems. You will totally rebuild a four stroke small engine then test run it, do basic small engine maintenance and repairs on both two and four stroke engines, and learn electricity and electronics theory and repair. You will also be given the opportunity to run a service enterprise such as a small engine repair service.

## WELDING

*Advanced Standing*

**Credit:** 0.5

**Grade** 11-12

**Single Period**

**Prerequisite:** None

Welding is hands on course that teaches in-depth skills in STICK, MIG, TIG and GAS welding. This very popular course parallels the introductory welding course at WTC. Therefore, advanced credit at the technical college level is possible. Students may also do repairs and fabrication of various projects. This course is limited to 14 students.



## WOODS I

**Credit:** 0.5

**Grade** 10-12

**Single Period**

**Prerequisite:** None

Woods I is designed to teach students basic woodworking skills and knowledge in preparation for their advancement into the Woods II course. Your instructor will emphasize hands-on training and lead discussions on woodworking theory and application. This course will introduce students to hand tools as well as portable and stationary power tools. Students will complete group and individual projects designed to provide practical experience in construction theory and woodworking techniques.

# WESTBY AREA SCHOOL DISTRICT

## TECHNOLOGY EDUCATION

Mr. Pedretti

ed.pedretti@westby-norse.org



## ORGANIZATIONS: ROBOTICS

## WOODS II

Credit 0.5

Grade 10-12

Single Period

Prerequisite: Woods I

Woods II is a course for the student that is interested in developing skills that will lead to employment and/or provide a lifelong interest in woodworking. Students will design a project of their own choosing and build it. They will learn to use all of the common woodworking tools and machines. Some common projects would be entertainment centers, desks, roll top desks, chairs, tables, grandfather clocks, corner cabinets and gun cabinets. Students must have completed Woods I successfully in order to take this class.

## ROBOTICS

Credits: 0.5

Grades: 9-12

Single Period

Prerequisites: None

This course is designed to get you started in the world of Robotics. Some of the things you will learn and skills you will attain are:

- Understand what robots are
- Understand programming concepts and write useful programs
- Ability to identify and understand problems
- Design solutions to complex problems
- Ability to test and evaluate your solutions
- Ability to produce and understand data, and draw conclusions from it
- Experiment with robot components to learn how they work and how they are useful
- Work together with others to solve problems

Major Concepts and Topics: This class covers 90 classroom hours, divided into 9 groups:

- Introduction to robotics
- Basic motions
- Loops and Variables
- Conditional Programming
- Touch LED device
- Distance Sensor
- Remote Control
- Color Sensor
- Gyro and Final Project

**\*Students who take this class are neither committed to Robotics club or guaranteed a spot on the robotics club.**

# WESTBY AREA SCHOOL DISTRICT

## WORK-BASED LEARNING

Mrs. Langrehr

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amanda.langrehr@westby-norse.org

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## SCHOOL-TO-WORK

**Credit:** 0.5

**Grade** 11-12

Single or Double Period

**Prerequisite:** None

***\*Application required.***

School-to-Work is an opportunity for students who are on track for graduation, with satisfactory academic progress and an acceptable discipline record, to leave school for up to two periods per day for a job and receive credit for their work experience. Students will be placed at a worksite by the School-to-Work Coordinator after an application and interview process. Application deadlines will be in the announcements during the spring semester.

## YOUTH APPRENTICESHIP

Our School-to-Work (S-T-W) Program is a credit-based opportunity for students to gain valuable workplace experience in an industry of their interest, while receiving credit in school, and being paid for fulfilling their duties at the work site. *Students are responsible for finding and maintaining their own employment, though we will work with you to help this process!*

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



# WESTBY AREA SCHOOL DISTRICT

## SPECIAL COURSE DESIGNATIONS

### ADVANCED PLACEMENT PROGRAM (AP)

Advanced Placement is a program of rigorous college level courses and exams that gives Westby Area High School students the opportunity to earn advanced placement and/or college credit. The content of these classes is established by the College Board which supervises the program. At the end of the year the students can take an examination which is paid for by the student. The AP Exam scores are submitted to a college which may or may not accept the results for college credit. The Advanced Placement examinations, given in May, are based on courses with exceptionally high standards of achievement as outlined by the College Board. The exams contain both multiple choice and free response questions that require essay writing, problem solving, and other skills.

*Westby Area High School offers AP Biology, AP Chemistry, AP Government and Politics, AP Language and Composition, and AP Psychology.*

### SCIENCE EQUIVALENT COURSES

This means that this class will count towards the 3.0 science credits that are required for graduation from Westby Area High School. Westby currently offers several classes within the Agriculture Department for Science Equivalency credit. See course descriptions for more information.

### ADVANCED STANDING

Advanced standing agreements are established when a high school course meets the competencies of a Western course. Students who have earned advanced standing credit and enroll in a Western program only need to take the remaining program credits. Students must earn a B grade or better. If other conditions apply, they will be listed by the course.

### ARTICULATION AGREEMENTS

Agreements between high schools and Western Technical College provide a seamless transition for students, enabling them to complete one level of education and advance to the next level without loss of credit or repetition of coursework. High school articulation agreements provide an opportunity for students to earn college credit by taking specific classes in high school that are equivalent to Western courses. There are two types of articulation agreements between Westby Area High School and Western Technical College: Transcribed Credit and Advanced Standing.

### TRANSCRIPTED CREDIT

Agreements are established when a technical college course is delivered at the high school and taught by a high school teacher. A successful student receives an official letter grade. This means that you can take the class at Westby and receive both Westby Area High School credit and Western Technical College credit for the same class. You will be graded on the Westby grading scale for the Westby credit, and on Western's grading scale for your Western Credit. Participation in the Transcribed Credit option is purely voluntary – if you want, you can take the class and choose to just receive the normal high school credit while you take the class.



# WESTBY AREA SCHOOL DISTRICT

## HIGH SCHOOL SPECIAL STUDENT OPTIONS

### WISCONSIN'S EARLY COLLEGE CREDIT PROGRAMS (UW SYSTEM)

Beginning Fall 2018, high school students at public and private high schools in Wisconsin can earn college credit through the Early College Credit Program (ECCP). A student selected for the program may be permitted to enroll in a UW System institution, or an alternative private, non-profit institution of higher education (IHE) to take one or more courses for which the student may earn high school credit, post-secondary credit, or both. Under ECCP, the costs of the courses are shared among the IHE, the school district or private school, the state, and in some cases the student's family. [UW Help - Information/Application for ECCP](#)

#### HOW TO APPLY FOR THE EARLY COLLEGE CREDIT PROGRAM:

- Talk with your high school counselor to see if it's a good fit for you. They will consider how the class aligns with academic plans and whether you meet the prerequisite for taking a college level class.
- Request information from UW System campuses where you'd like to take classes
- Obtain an ECCP participation form from your high school counselor or download it from the link below.
- Submit your completed form by **March 1 for summer/fall semester or October 1 for spring semester** to your school officials.
- Apply to the campus where you'd like to take classes (meet all deadlines and their campus specific requirements)
- Submit high school transcripts along with any prerequisite documentation (AP scores)
- Enroll in your class

### START COLLEGE NOW (TECHNICAL SCHOOL SYSTEM)

#### START COLLEGE NOW APPLICATIONS INSTRUCTIONS

##### Student/Parent Specific Responsibilities:

- 1) Complete 10<sup>th</sup> grade and be in good academic standing. (Program is available to 11<sup>th</sup> and 12<sup>th</sup> grade students).
- 2) Complete the application for the Start College Now Program found here: [Start College Now Application https://tinyurl.com/yapmslfe](https://tinyurl.com/yapmslfe)
- 3) Submit the completed form (including student/parent/guardian signatures) no later than **March 1 for fall semester courses and October 1 for spring semester courses** to high school board of district in which the student resides. This is typically done by submitting the form to a high school counselor.
- 4) If the student disagrees with the school board's decision regarding comparability of courses or satisfaction of high school graduation requirements, the student may appeal the school board's decision to the state superintendent within 30 days after the decision.
- 5) Transportation to and/or from the technical college is the student's responsibility.
- 6) Reference [Subchapter 38.12 \(14\)](#) for eligibility requirements prior to filling out the application. <https://tinyurl.com/y72r222t>

